STR-DG810

SERVICE MANUAL

US Model

Ver. 1.0 2007. 03

This receiver incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

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** "DTS" and "DTS-ES | Neo:6" are registered trademarks of DTS, Inc. "96/24" is a trademark of DTS, Inc.

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XM is a registered trademark of XM Satellite Radio Inc.

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
(Models of area code US only)
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Models of area code US [1)]
Minimum RMS Output Power (8 ohms, 20 Hz – 20 kHz, THD 0.09%)
100 W + 100 W
Stereo Mode Output Power (8 ohms, 1 kHz, THD 1%)
110 W + 110 W
Surround Mode Output Power [2)] (8 ohms 1 kHz, THD 10%)
150 W/ch

– Continued on next page –

MULTI CHANNEL AV RECEIVER

9-887-624-01
2007C04-1
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Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY

1) Measured under the following conditions:

Area code	Power requirements
US	120 V AC, 60 Hz

2) Reference power output for front, center, surround and surround back speakers. Depending on the sound field settings and the source, there may be no sound output.

Frequency response
- Analog: 10 Hz – 70 kHz +0.5/–2 dB (with sound field and equalizer bypassed)

Inputs
- Analog: Sensitivity: 500 mV/ 50 kohms S/N 3) : 96 dB (A, 500 mV 4))
- Digital (Coaxial): Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
- Digital (Optical): S/N: 100 dB (A, 20 kHz LPF)

Output (Analog)
- AUDIO OUT: Voltage: 500 mV/10 kohms
- SUB WOOFER: Voltage: 2 V/1 kohm

Equalizer
- Gain levels: ±10 dB, 1 dB step

3) INPUT SHORT (with sound field and equalizer bypassed).

4) Weighted network, input level.

FM tuner section

Tuning range: 87.5 – 108.0 MHz
Antenna: FM wire antenna
Antenna terminals: 75 ohms, unbalanced
Intermediate frequency: 10.7 MHz

AM tuner section

Tuning range
- Models of area code US
  - With 10-kHz tuning scale: 530 – 1,710 kHz 5)
  - With 9-kHz tuning scale: 531 – 1,710 kHz 5)

Antenna: Loop antenna
Intermediate frequency: 450 kHz

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down TUNING MODE, press I/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs/Outputs
- Video: 1 Vp-p/75 ohms
- COMPONENT VIDEO: Y: 1 Vp-p/75 ohms PB/CB: 0.7 Vp-p/ 75 ohms PR/CR: 0.7 Vp-p/ 75 ohms 80 MHz HD Pass Through

General

Power requirements

Area code	Power requirements
US	120 V AC, 60 Hz

Power output (DIGITAL MEDIA PORT)
- DC OUT: 5 V, 700 mA

Power consumption

Area code	Power consumption
US	250 W

Power consumption (during standby mode): 0.3 W (When “CONTROL” in VIDEO menu is set to “CTRL OFF”)

AC outlets:

Area code	AC outlets
US	1 switch, 120 W/1A MAX

Dimensions (w/h/d) (Approx.): 430 × 157.5 × 316 mm (16 7/8 × 6 2/8 × 12 4/8 inches) including projecting parts and controls

Mass (Approx.): 8.1 kg (17 lb 14 oz)

Supplied accessories
- FM wire antenna (1)
- AM loop antenna (1)
- Remote commander RM-AAP016 (1)
- R6 (size-AA) batteries (2)
- Optimizer microphone ECM-AC2 (1)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT (US MODEL)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

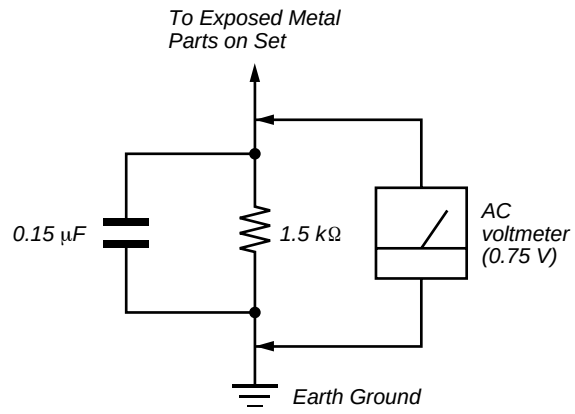


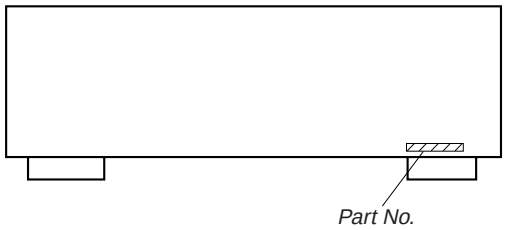
Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

MODEL IDENTIFICATION

— BACK PANEL —



MODEL	PART No.
US	2-898-468-0□

NOTE OF REPLACING THE IC3511 AND IC3513 ON THE HDMI RE BOARD

When IC3511 and IC3513 on the HDMI RE board are damaged, exchange the new HDMI RE board for the HDMI RE board which IC damaged. When throwing away the HDMI RE board, be sure to throw away after destroying IC3511 and IC3513 physically with the hammer etc.

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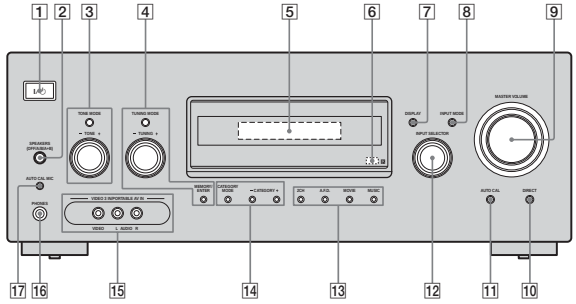
SECTION 1
GENERAL

This section is extracted from instruction manual.

Description and location of parts

Front panel



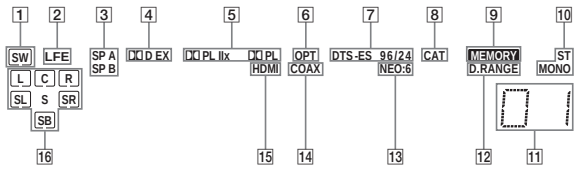
Name	Function
1 **I/⏻ (on/standby)**	Press to turn the receiver on or off (page 27, 37, 38, 58, 91).
2 **SPEAKERS (OFF/A/B/A+B)**	Press to select OFF, A, B, A+B of the front speakers (page 28).
3 **TONE MODE** **TONE +/–**	Adjusts the tonal quality (bass/treble level) of the front speakers. Press TONE MODE repeatedly to select "BASS LVL" or "TRE LVL", then turn TONE +/– to adjust the level (page 40).
4 **TUNING MODE** **TUNING +/–** **MEMORY/ENTER**	Press to operate a tuner (FM/AM/XM) (page 58, 63).

Name	Function
5 **Display**	The current status of the selected component or a list of selectable items appears here (page 7).
6 **Remote sensor**	Receives signals from remote commander.
7 **DISPLAY**	Press to select information displayed on the display (page 67, 77).
8 **INPUT MODE**	Press to select the input mode when the same components are connected to both digital and analog jacks (page 71).
9 **MASTER VOLUME**	Turn to adjust the volume level of all speakers at the same time (page 34, 36, 37, 38).

continued

Name	Function
10 **DIRECT**	Press to listen to high quality analog sound (page 57).
11 **AUTO CAL**	Press to activate the Auto Calibration function (page 30).
12 **INPUT SELECTOR**	Turn to select the input source to playback (page 35, 37, 38, 57, 59, 64, 71, 74, 76, 78).
13 **MOVIE** **MUSIC** **A.F.D.** **2CH**	Press to select a sound field (page 52, 54, 57).
14 **CATEGORY +/–** **CATEGORY MODE**	Used when listening to XM Radio (page 66).
15 **VIDEO 3 IN/ PORTABLE AV IN jacks**	Connect to a camcorder or video game (page 25, 36).
16 **PHONES jack**	Connects to headphones (page 87).
17 **AUTO CAL MIC jack**	Connects to the supplied optimizer microphone for the Auto Calibration function (page 29).

About the indicators on the display


1 2 3 4 5 6 7 8 9 10
SW LFE SP A SP B D D EX PL IIx PL HDMI OPT COAX DTS-ES 96/24 NEO:6 CAT MEMORY D.RANGE ST MONO
L C R SL S SR SB
16 15 14 13 12 11

Name	Function
1 **SW**	Lights up when sub woofer is set to "YES" (page 42) and the audio signal is output from the SUB WOOFER jack.
2 **LFE**	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 **SP A/SP B**	Lights up according to the speaker system used. However, these indicators do not light up if the speaker output is turned off or if headphones are connected.
4 **D D/ D D EX**	"D D" lights up when Dolby Digital signals are input. "D D EX" lights up when Dolby Digital Surround EX signals are decoded. **Note** When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 71).

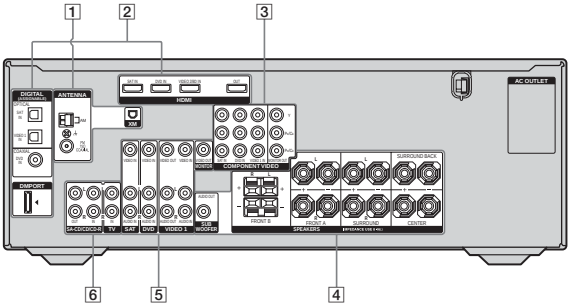
Name	Function
5 **PL/ PL II/ PL IIx**	"PL" lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "PL II" lights up when the Pro Logic II Movie/Music/ Game decoder is activated. "PL IIx" lights up when the Pro Logic IIx Movie/Music/ Game decoder is activated. However, these indicators do not light up if both the center and surround speakers are set to "NO" (page 42) and you select a sound field using the A.F.D. button. **Note** Dolby Pro Logic IIx decoding does not function for DTS format signals or for signals with a sampling frequency of more than 48 kHz.
6 **OPT**	Lights up when INPUT MODE is set to "AUTO IN" and the source signal is a digital signal being input through the OPTICAL jack, or when INPUT MODE is set to "OPT IN" (page 71).

continued

Name	Function
7 **DTS/ DTS-ES/ DTS 96/24**	"DTS" lights up when DTS signals are input. "DTS-ES" lights up when DTS-ES signals are input. "DTS 96/24" lights up when the receiver is decoding DTS 96 kHz/24 bit signals. **Note** When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 71).
8 **CAT**	Lights up when you select category mode to "ONE CAT". For details on presetting XM Radio station, see page 68.
9 **MEMORY**	Lights up when a memory function, such as Preset Memory (page 61), etc., is activated.
10 **Tuner indicators**	Lights up when using the receiver to tune in radio stations (page 58), etc.
11 **Preset station indicators**	Lights up when using the receiver to tune in radio stations you have preset. For details on presetting radio stations, see page 60.
12 **D.RANGE**	Lights up when dynamic range compression is activated (page 40).
13 **NEO:6**	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 53).
14 **COAX**	Lights up when INPUT MODE is set to "AUTO IN" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX IN" (page 71).
15 **HDMI**	Lights up when the receiver recognizes a component connected via an HDMI IN jack (page 19).

Name	Function
16 **Playback channel indicators**	The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound (based on the speaker settings). **L** Front Left **R** Front Right **C** Center (monaural) **SL** Surround Left **SR** Surround Right **S** Surround (monaural or the surround components obtained by Pro Logic processing) **SB** Surround back (the surround back components obtained by 6.1 channel decoding) **Example:** Recording format (Front/ Surround): 3/2.1 Output channel: When surround speakers are set to "NO" (page 42) Sound Field: A.F.D. AUTO SW L C R SL SR

Rear panel



1 ANTENNA section

	FM ANTENNA jack	Connects to the FM wire antenna supplied with this receiver (page 26).
	AM ANTENNA terminals	Connects to the AM loop antenna supplied with this receiver (page 26).
	XM jack	Connects to the XM Connect-and-Play antenna (not supplied with this receiver) (page 63).

2 DIGITAL INPUT/OUTPUT section

	OPTICAL IN jack	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 22, 24).
	COAXIAL IN jack	
	HDMI IN/ OUT jack*	Connects to a DVD player or a satellite tuner, etc. The image and the sound are output to TV or a projector (page 19).
	DMPORT	Connects to a DIGITAL MEDIA PORT adapter (page 73).

3 COMPONENT VIDEO INPUT/ OUTPUT section

Green (Y)	COMPONENT VIDEO INPUT/ OUTPUT jack*	Connects to a DVD player, TV or a satellite tuner, etc. You can enjoy high quality image (page 21 – 24).
Blue (P_B/C_B)		
Red (P_R/C_R)		

continued

4 SPEAKER section

	Connects to speakers (page 16).
	Connects to sub woofer (page 16).

5 VIDEO/AUDIO INPUT/OUTPUT section

White (L)	AUDIO IN/ OUT jack	Connects the video and audio jacks of a VCR or a DVD player (page 21 – 25).
Red (R)		
Yellow	VIDEO IN/ OUT jack*	

6 AUDIO INPUT/OUTPUT section

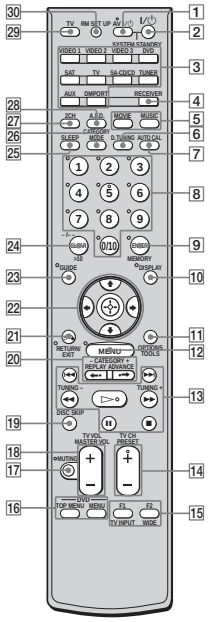
White (L)	AUDIO IN/ OUT jack	Connects to a Super Audio CD player or CD player, etc. (page 17).
Red (R)		

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV monitor (page 21).

Remote commander

You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate. You can also program the remote to control non-Sony audio/video components. For details, see "Programming the remote" (page 79).

RM-AAP016



Name	Function
1 **AV I/⏻ (on/standby)**	Press to turn on or off the audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV (29) and then press AV I/⏻. If you press I/⏻ (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). **Note** The function of the AV I/⏻ switch changes automatically each time you press the input buttons (3).
2 **I/⏻ (on/standby)**	Press to turn the receiver on or off. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).

Name	Function
3 **Input buttons**	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can program the remote to control non-Sony components by changing the code. For details see "Programming the remote" (page 79).

Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 2)
VIDEO 3	VCR (VTR mode 1)
DVD	DVD player
SAT	Satellite tuner
TV	TV
SA-CD/CD	Super Audio CD/CD player
TUNER	Built-in tuner
AUX	Not assigned.
DMPORT	DIGITAL MEDIA PORT adapter

4 **RECEIVER**	Press to activate the receiver operation (page 39).
5 **MOVIE, MUSIC**	Press to select sound fields (MOVIE, MUSIC).
6 **D.TUNING**	Press to enter direct tuning mode.
7 **AUTO CAL**	Press to activate the Auto Calibration function.

Name	Function
8 **Numeric buttons (number 5[a])**	Press to – preset/tune to preset stations. – select track numbers of the CD player, VCD player, DVD player, LD player, DAT deck, tape deck or MD deck. Press 0/10 to select track number 10. – select channel numbers of the VCR, satellite tuner, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO. Press TV (29) and then press the numeric buttons to select the TV channels.
9 **ENTER**	Press to enter the value after selecting a channel, disc or track using the numeric buttons of the VCR, CD player, VCD player, LD player, MD deck, DAT deck, tape deck, satellite tuner, Blu-ray disc recorder, or PSX. To enter the value of Sony TV, press TV (29) and then press ENTER.
MEMORY	Press to store a station during tuner operation.
10 **DISPLAY**	Press to select information displayed on the TV screen of the VCR,VCD player, LD player, satellite tuner, CD player, DVD player, MD deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO. To select information of Sony TV, press TV (29) and then press DISPLAY.
11 **OPTIONS TOOLS**	Press to display and select items from the option menus for DVD player or DVD/VHS COMBO. To display the options of Sony TV, press TV (29) and then press OPTIONS TOOLS.

Name	Function
12 **MENU**	Press to display the menus of the receiver, VCR, DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/ VHS COMBO or DVD/HDD COMBO on the TV screen. Then, use ↑/↓/←/→ and ⊕ to perform menu operations. To display the menus of Sony TV, press TV (29) and then press MENU.
13 **I◀◀/▶▶I[b]**	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
◀◀/▶▶[b]	Press to – search tracks in the forward/ backward direction of the CD player, VCD player, DVD player, LD player, MD deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO. – fast forward/rewind of the VCR, DAT deck or tape deck.
▷[a)b)]	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
II[b)]	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/ HDD COMBO. (Also starts recording with components in recording standby.)

Name	Function
■[b]	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
TUNING +/–	Press to scan a station.
14 **TV CH +[a]/–**	Press TV (29), and then press TV CH +/– to select preset TV channels.
PRESET +[a]/–	Press to select – preset stations. – preset channels of the VCR, satellite tuner, Blu-ray disc recorder, DVD player, DVD/VHS COMBO or DVD/HDD COMBO.
15 **F1, F2**	Press F1 or F2 to select a component • DVD/HDD COMBO F1: HDD mode F2: DVD mode • DVD/VHS COMBO F1: DVD mode F2: VHS mode
WIDE	Press TV (29), and then press WIDE to select the wide picture mode.
TV INPUT	Press TV (29) and then press TV INPUT to select the input signal (TV input or video input).
16 **DVD TOP MENU**	Press to display the menu or on-screen guide of the DVD player on the TV screen. Then, use ↑/↓/←/→ and ⊕ to perform menu operations.
DVD MENU	Press to display the menu of the DVD player on the TV screen. Then, use ↑/↓/←/→ and ⊕ to perform menu operations.
17 **MUTING**	Press to mute the sound (page 36). To mute the sound of the TV, press TV (29) and then press MUTING.

Name	Function
18 **TV VOL +/–**	Press TV (29) and then press TV VOL +/– to adjust the TV volume level.
MASTER VOL +/–	Press to adjust the volume level of all speakers at the same time.
19 **DISC SKIP**	Press to skip disc of the CD player, VCD player, DVD player or MD deck (multi-disc changer only).
20 **REPLAY ⇠ / ADVANCE ⇢**	Press to replay the previous scene or fast forward the current scene of the DVD player, Blu-ray disc recorder, DVD/VHS COMBO or DVD/HDD COMBO.
CATEGORY +/–	Press to select XM Radio category you want.
21 **RETURN/ EXIT ↶**	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCD player, DVD player, LD player, Blu-ray disc recorder, PSX, DVD/VHS COMBO or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (29), and then press RETURN/ EXIT ↶.
22 ⊕ ↑/↓/←/→	After pressing RECEIVER (4), press MENU (12) for receiver operation, then press ↑/↓/←/→ to select the settings. After pressing DVD TOP MENU (16) or DVD MENU (16), press ↑/↓/←/→ to select the settings, and then press ⊕ to enter the selection. Press ⊕ also to enter the selection of the receiver, VCR, satellite tuner, DVD player, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
23 **GUIDE**	Press to display the EPG (Electronic Program Guide) of the TV, DVD player, satellite tuner, Blu-ray disc recorder, PSX or DVD/HDD COMBO.

continued

Name	Function
24 **-/--**	Press to select the channel entry mode, either one or two digits of the VCR or satellite tuner. To select the channel entry mode of the TV, press TV (29) and then press -/--.
>10	Press to select track numbers over 10 of the VCR, VCD player, LD player, CD player, MD deck, tape deck, TV or satellite tuner.
CLEAR	Press to clear a mistake when you press the incorrect numeric button of the DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
25 **SLEEP**	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
26 **CATEGORY MODE**	Press to select the category mode for XM radio.
27 **2CH**	Press to select 2CH STEREO mode.
28 **A.F.D.**	Press to select A.F.D. mode.
29 **TV**	Press to light up the button. It changes the remote key function to activate the buttons with orange printing. It also activate the OPTIONS TOOLS (11), MENU (12), RETURN/EXIT ↶ (21), DISPLAY (10), ⊕ (22) and ↑/↓/←/→ (22) buttons to perform menu operations for Sony TVs only.
30 **RM SET UP**	Press to set-up the remote.

[a] The number 5, PRESET +, TV CH +, and ▷ buttons have tactile dots. Use the tactile dots as references when operating the receiver.

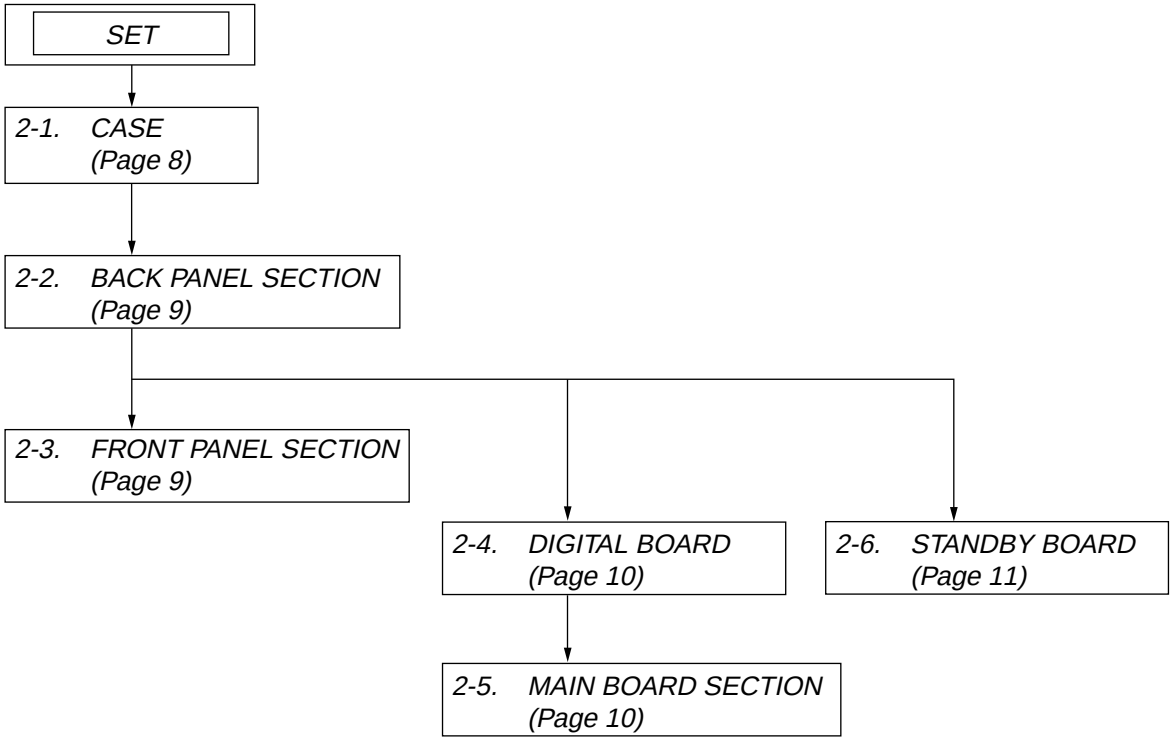
[b] This button is also available for Sony DIGITAL MEDIA PORT adapter operation. For details on the function of the button, see the operating instructions supplied with the DIGITAL MEDIA PORT adapter.

Notes

- The AUX on the remote is not available for receiver operation.
- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

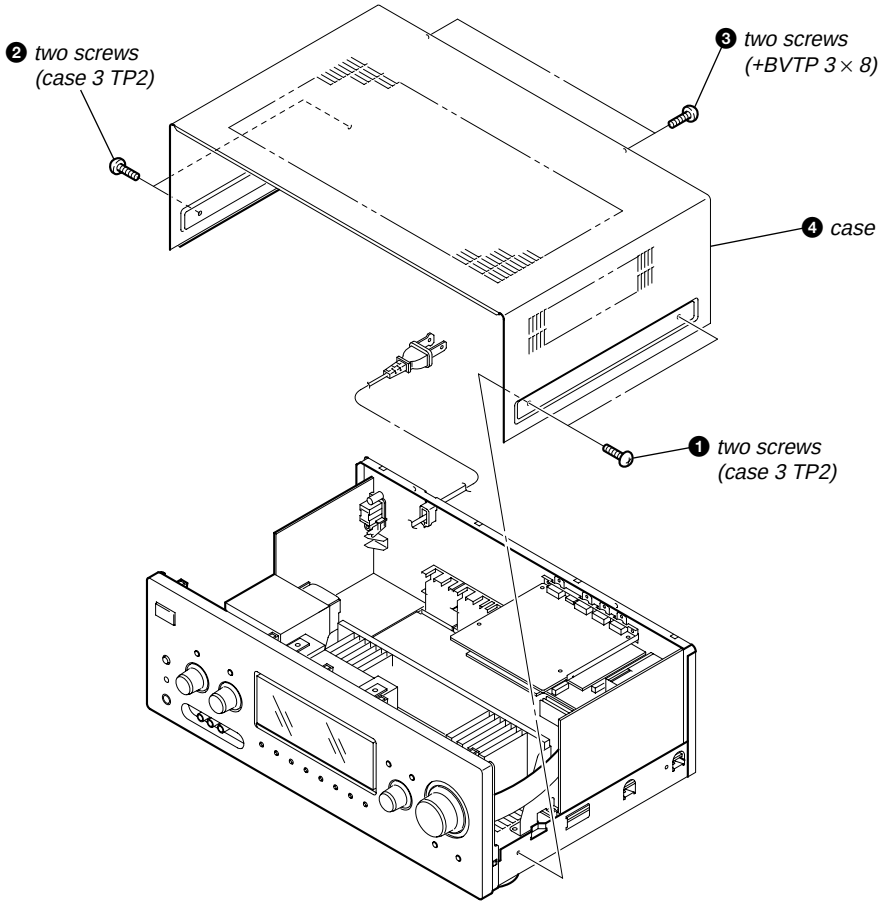
SECTION 2
DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

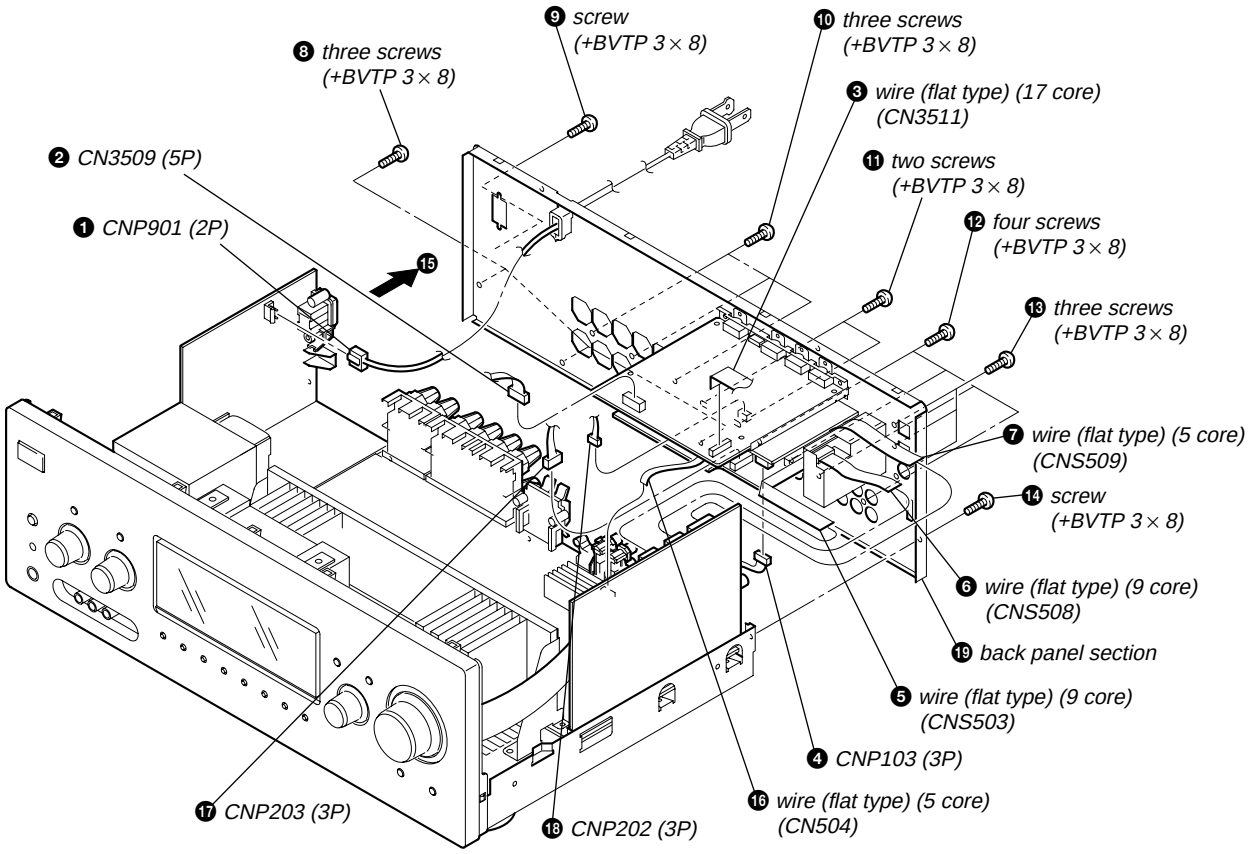


Note : Follow the disassembly procedure in the numerical order given.

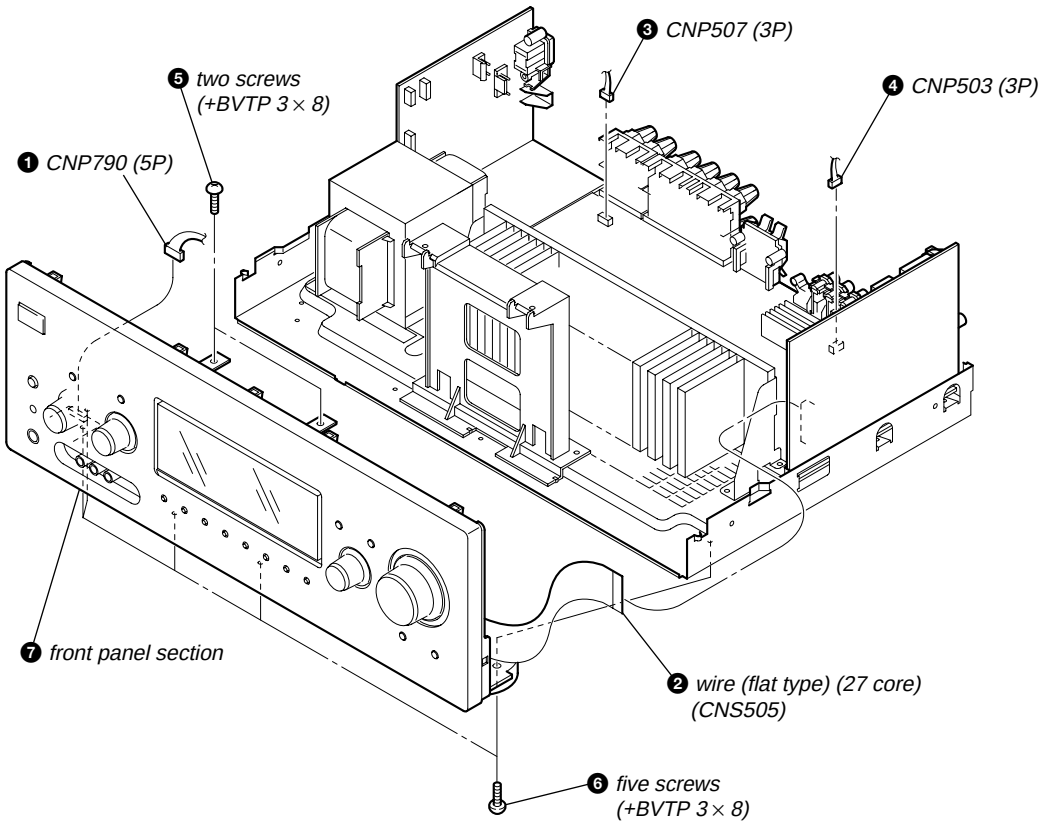
2-1. CASE



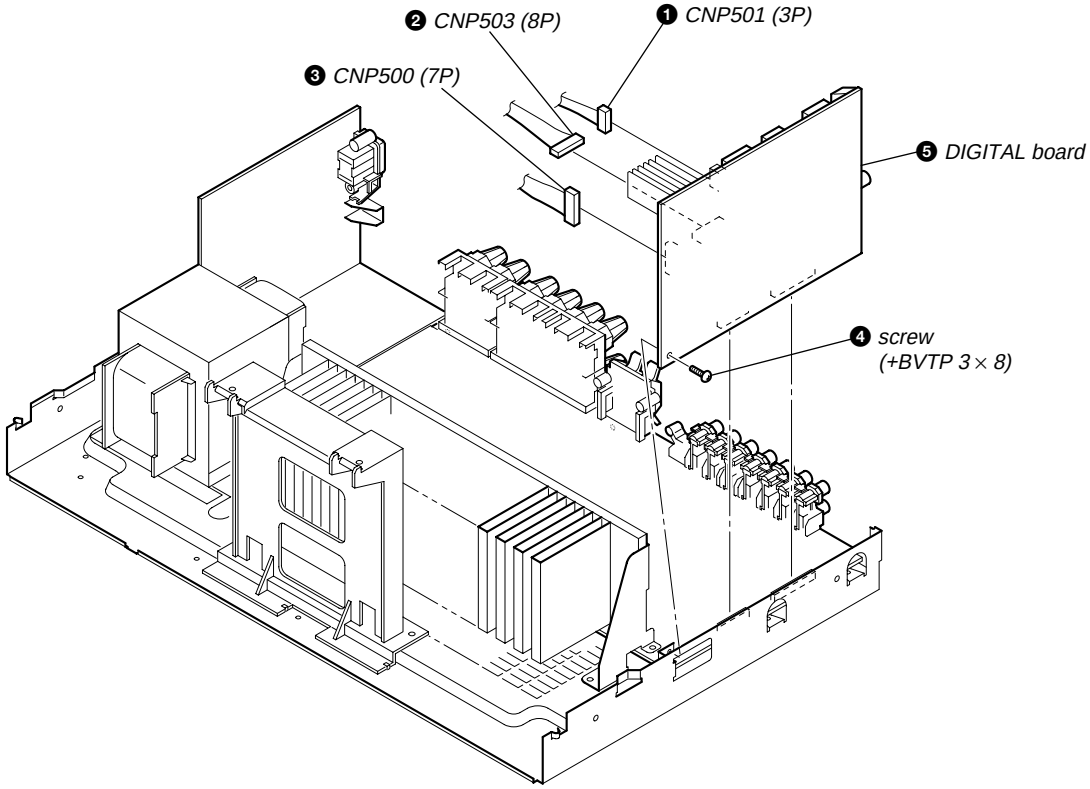
2-2. BACK PANEL SECTION


❾ screw (+BVTP 3 × 8)
❿ three screws (+BVTP 3 × 8)
❽ three screws (+BVTP 3 × 8)
❸ wire (flat type) (17 core) (CN3511)
❷ CN3509 (5P)
⓫ two screws (+BVTP 3 × 8)
❶ CNP901 (2P)
⓬ four screws (+BVTP 3 × 8)
⓯
⓭ three screws (+BVTP 3 × 8)
❼ wire (flat type) (5 core) (CNS509)
⓮ screw (+BVTP 3 × 8)
❻ wire (flat type) (9 core) (CNS508)
⓳ back panel section
❺ wire (flat type) (9 core) (CNS503)
❹ CNP103 (3P)
⓰ wire (flat type) (5 core) (CN504)
⓱ CNP203 (3P)
⓲ CNP202 (3P)

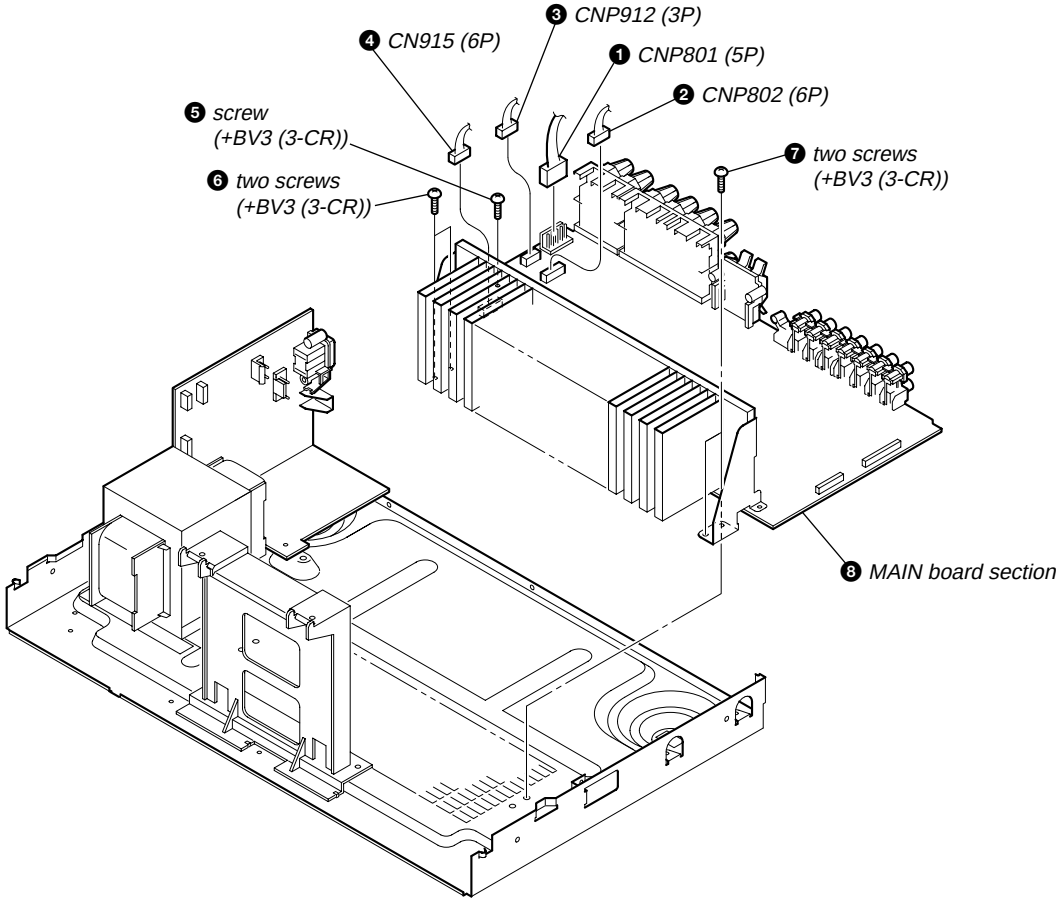
2-3. FRONT PANEL SECTION


❸ CNP507 (3P)
❺ two screws (+BVTP 3 × 8)
❹ CNP503 (3P)
❶ CNP790 (5P)
❼ front panel section
❷ wire (flat type) (27 core) (CNS505)
❻ five screws (+BVTP 3 × 8)

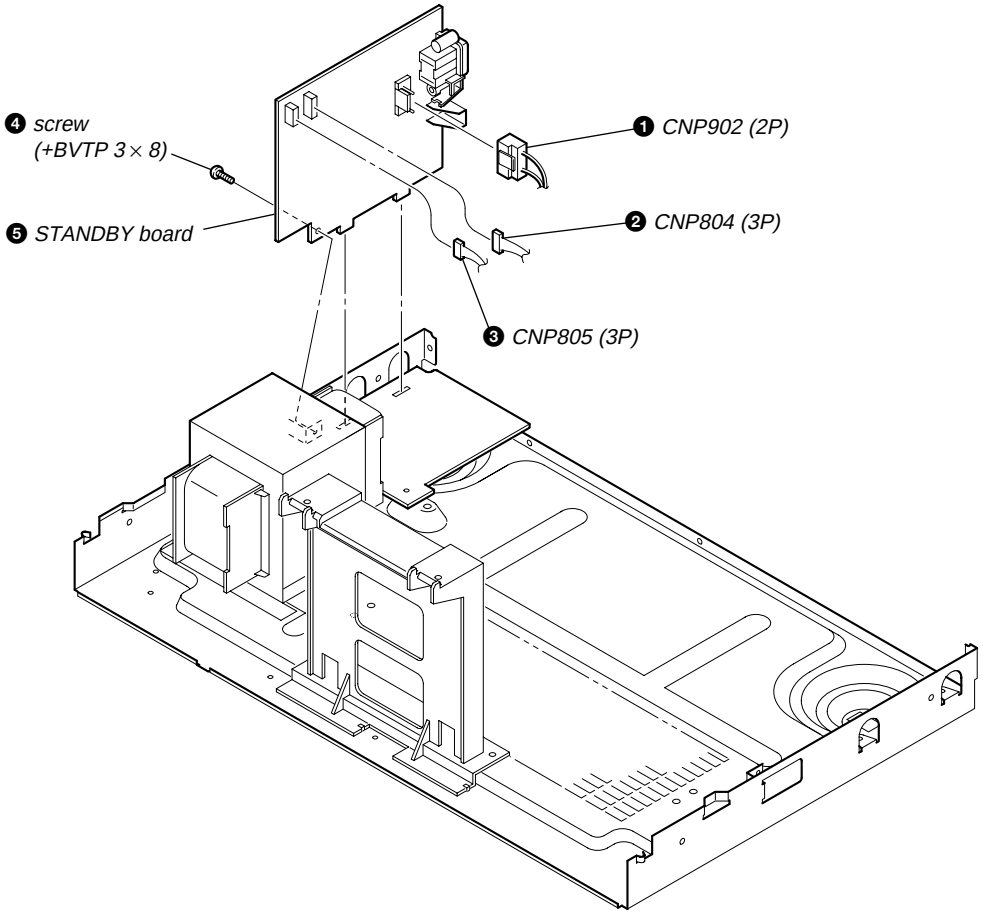
2-4. DIGITAL BOARD



2-5. MAIN BOARD SECTION



2-6. STANDBY BOARD



SECTION 3
TEST MODE

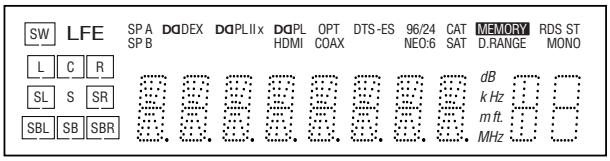
AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Turn the [INPUT SELECTOR] control to set AM and press the [I/⏻] button to turn off the main power.
  While depressing the [TUNING MODE] button, press the [I/⏻] button to turn on the main power.
  Either the message “9k STEP” or “10k STEP” appears for a moment and select the desired step.

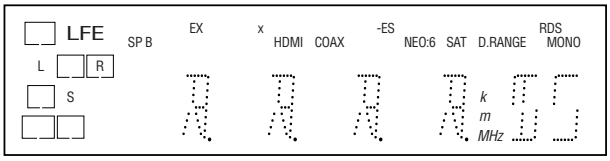
VACUUM FLUORESCENT DISPLAY TEST MODE

* All fluorescent segments are tested.
  When this test is activated, all segments light on at the same time, then each segment lights on one after another.
* Procedure:
  While depressing the [TUNING MODE] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.

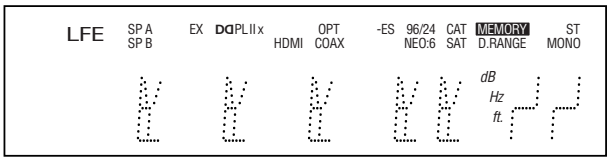
1. ALL segments light on.



2. Turn the [INPUT SELECTOR] control, confirm display.



3. Turn the [INPUT SELECTOR] control, confirm display.



4. Turn the [INPUT SELECTOR] control, all segments light off.

SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the [2CH] button, press the [I/⏻] button to turn on the main power.
  The message “S.F. CLR.” appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The model name, destination and the software version are displayed for a moment.

KEY CHECK MODE

* Button check
* Procedure:
  While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [2CH] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  Either the message “REST 15” appears.
  Every pressing of any button other than the [I/⏻] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed “REST 00” appears.

SWAP ALL MODE

* The signal will be swap to all channel so that all speaker will have sound output.
* Procedure:

1. While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [A.F.D.] buttons simultaneously, press the power [I/⏻] button to turn on the main power.
2. “SWAP” appears. (No change while displayed.)

SHIPMENT MODE

All preset contents are reset to the default setting.

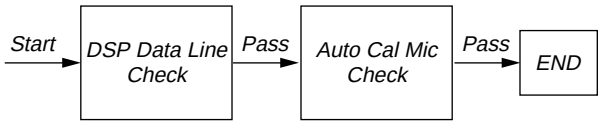
* Procedure:

1. While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [MUSIC] buttons simultaneously, press the power [I/⏻] button to turn on the main power.
2. “CLEARED” appears and switch off the set.

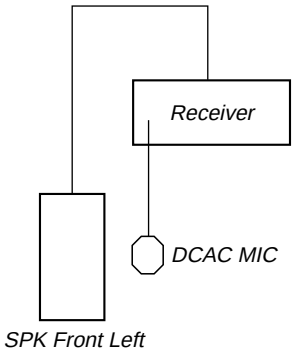
DCAC FACTORY TEST MODE

DCAC Factory Test mode have two stages:

1. DCAC DSP Data Line Checking
2. DCAC board Checking



Factory Test System Setup



1. When power off:
   Press the three buttons [MEMORY/ENTER] + [MOVIE] + [I/⏻].
   “DCAC□FTM” appears.
   Afterward, press the [TUNING MODE] to start DCAC factory test mode.

SECTION 4
FM TUNER CHECK

1. DCAC DSP Data Line Checking

After press the [TUNING MODE], DCAC Factory test mode will start, below display will show:
"DCAC□□□x" x=1, 2, 3
If there is error happen, below display will show:

"ERR□SD0x" x=1 ⟶ D1501 or R1530 problem
x=2 ⟶ D1502 problem
x=3 ⟶ D1503 problem

2. DCAC board Checking

Connect front left speaker of the receiver and AUTO CAL microphone. Turn [MASTER VOLUME] jog, there will be test tone sound output from front left speaker, and the display will change accordingly.

"AD□-□xxx" xxx=0 to 255 (depends on loudness of test tone)

FM AUTO STOP CHECK

(1) Turn on the set.
(2) Input the following signal from Signal Generator to FM antenna input directly.

* Carrier Frequency: A=87.5 MHz, B=98 MHz, C=108 MHz
Deviation : 75 kHz
Modulation : 1 kHz
ANT input : 35 dBu (EMF)

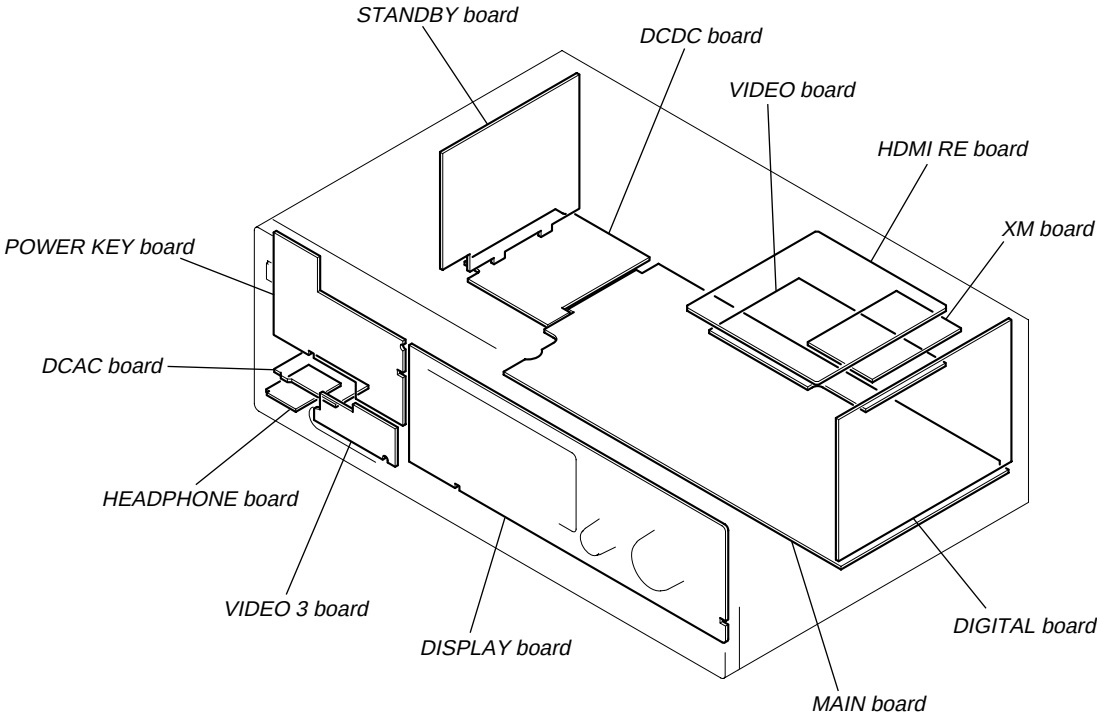
(Note)
Please use 75 ohm "coaxial cable" to connect SG and the set. You cannot use video cable for checking.
Please use SG whose output impedance is 75 ohm.

(3) Set to FM tuner function and scan the input FM signal with automatic scanning.
(4) Confirm that input Frequency of A, B and C are detected and automatic scanning stops.

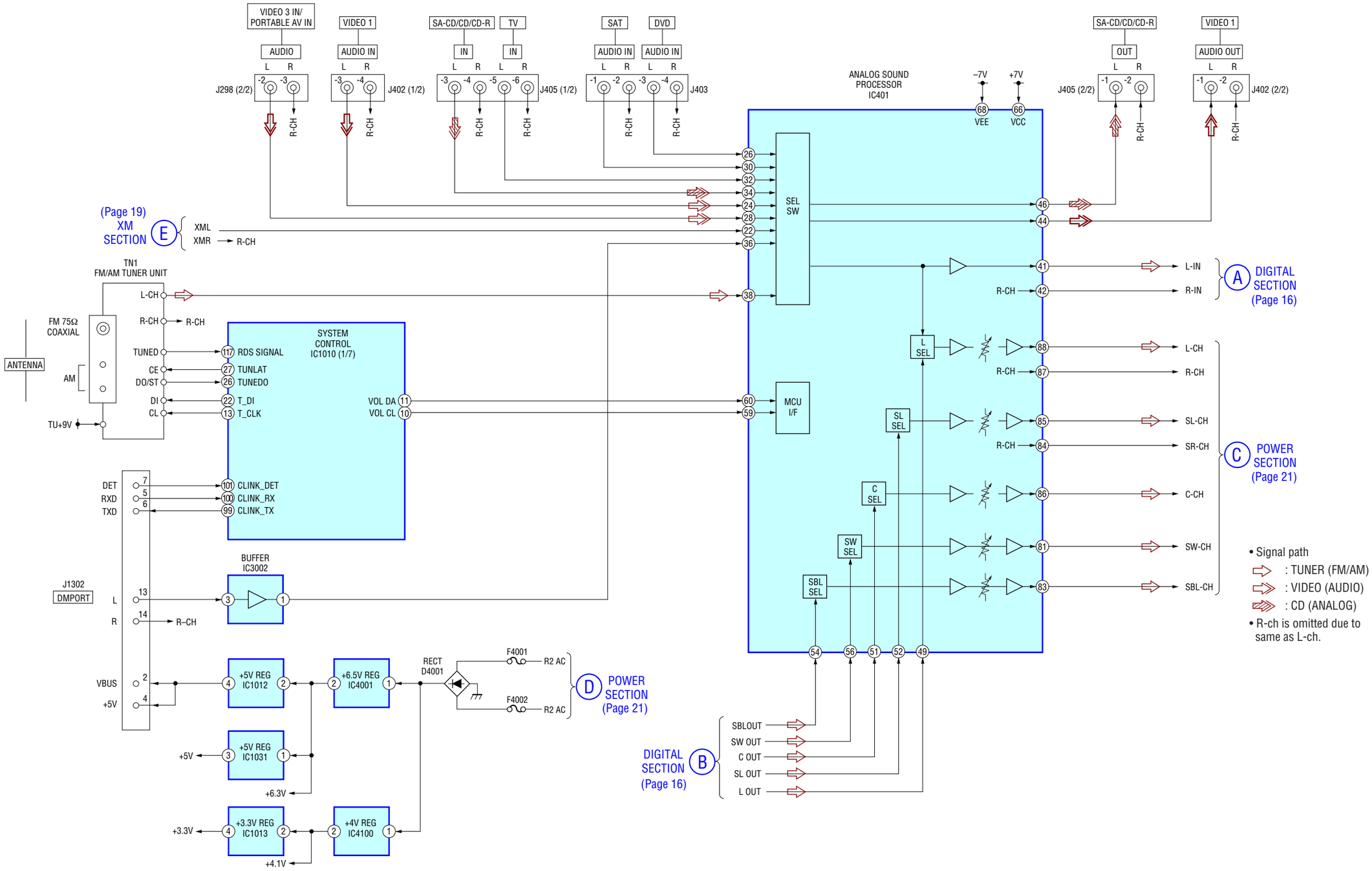
The stop of automatic scanning means "The station signal is received in good condition."

SECTION 5
DIAGRAMS

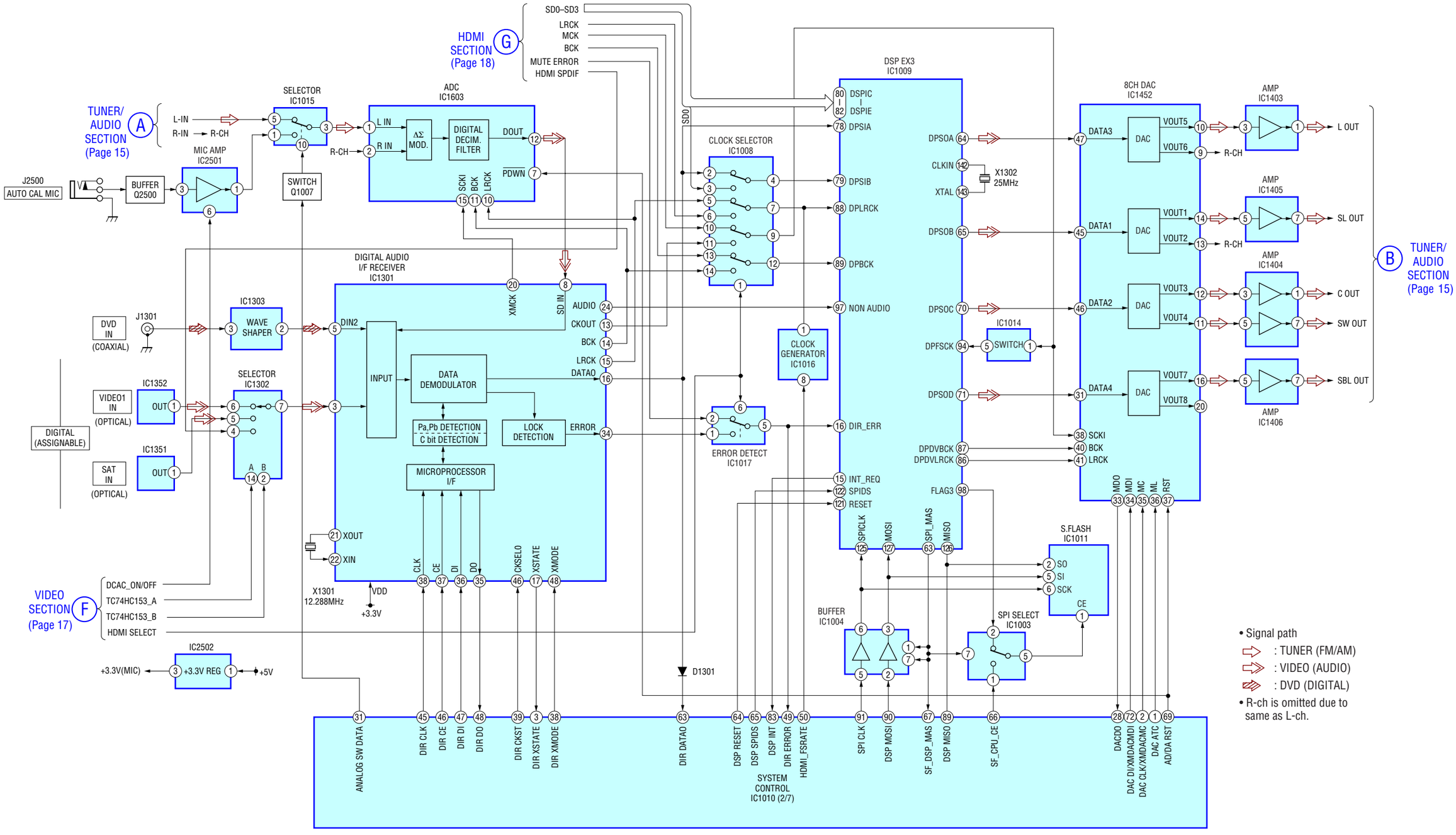
• Circuit Boards Location



5-1. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

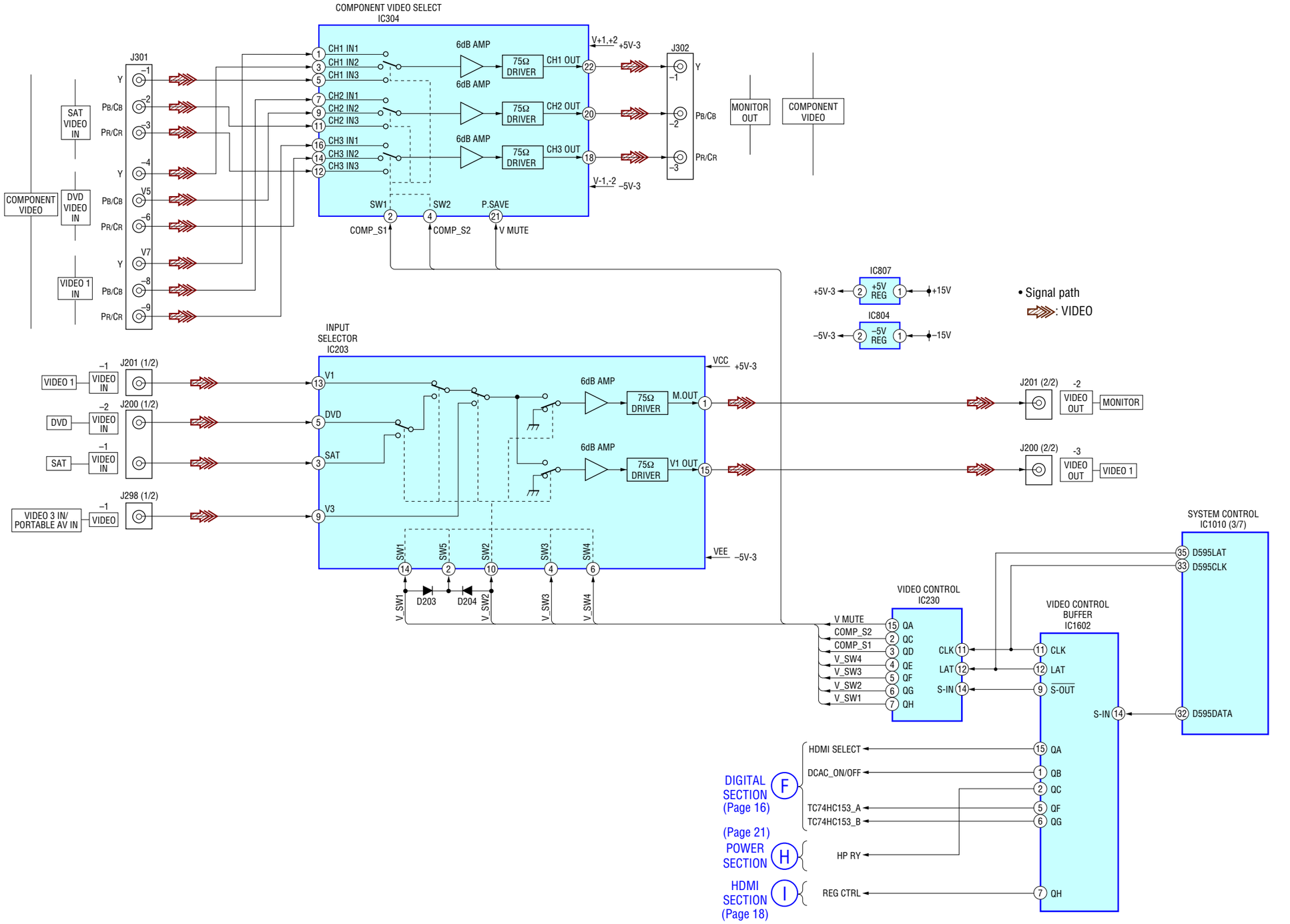


5-2. BLOCK DIAGRAM — DIGITAL SECTION —

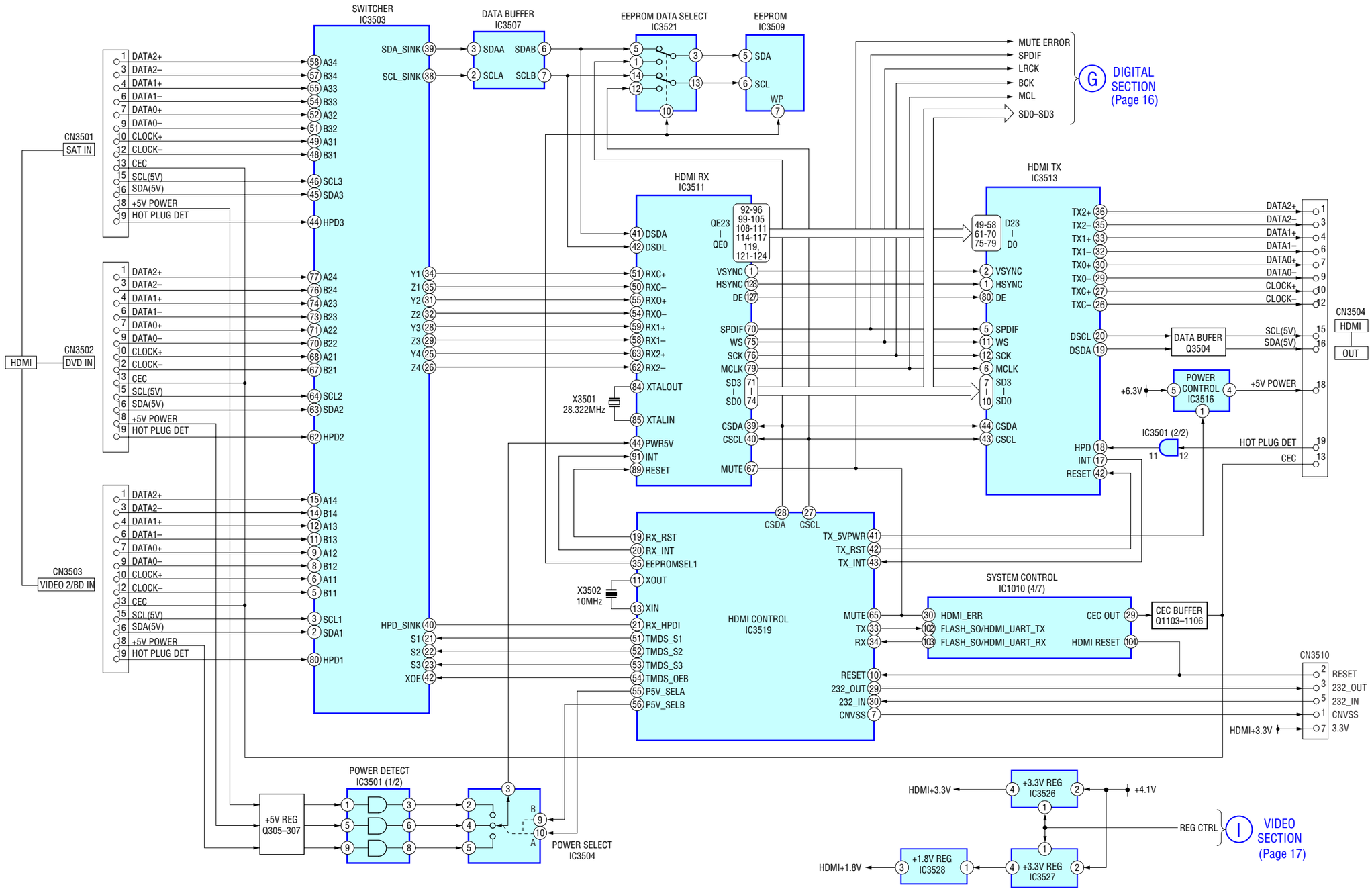


- Signal path
  - : TUNER (FM/AM)
  - : VIDEO (AUDIO)
  - : DVD (DIGITAL)
- R-ch is omitted due to same as L-ch.

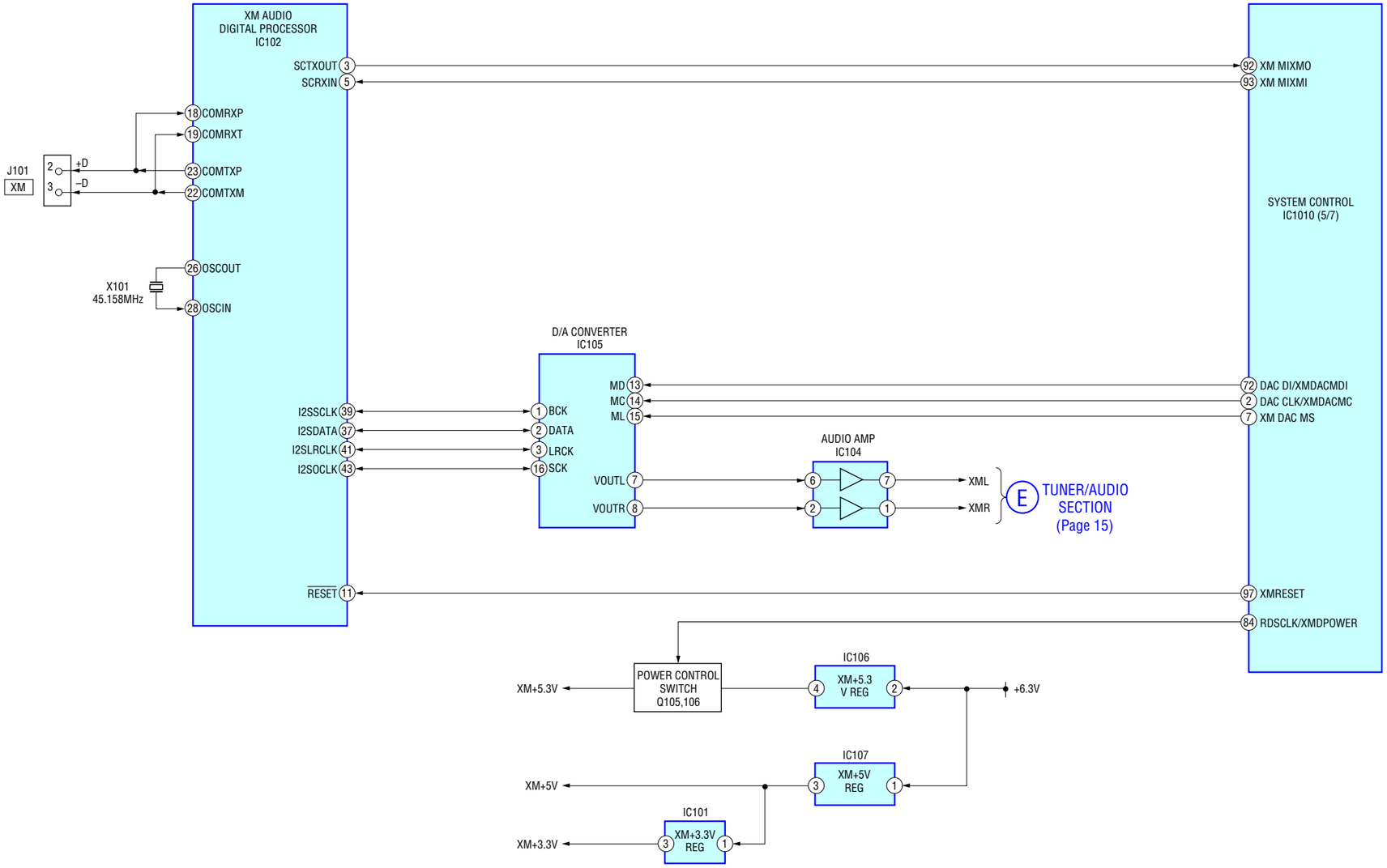
5-3. BLOCK DIAGRAM — VIDEO SECTION —



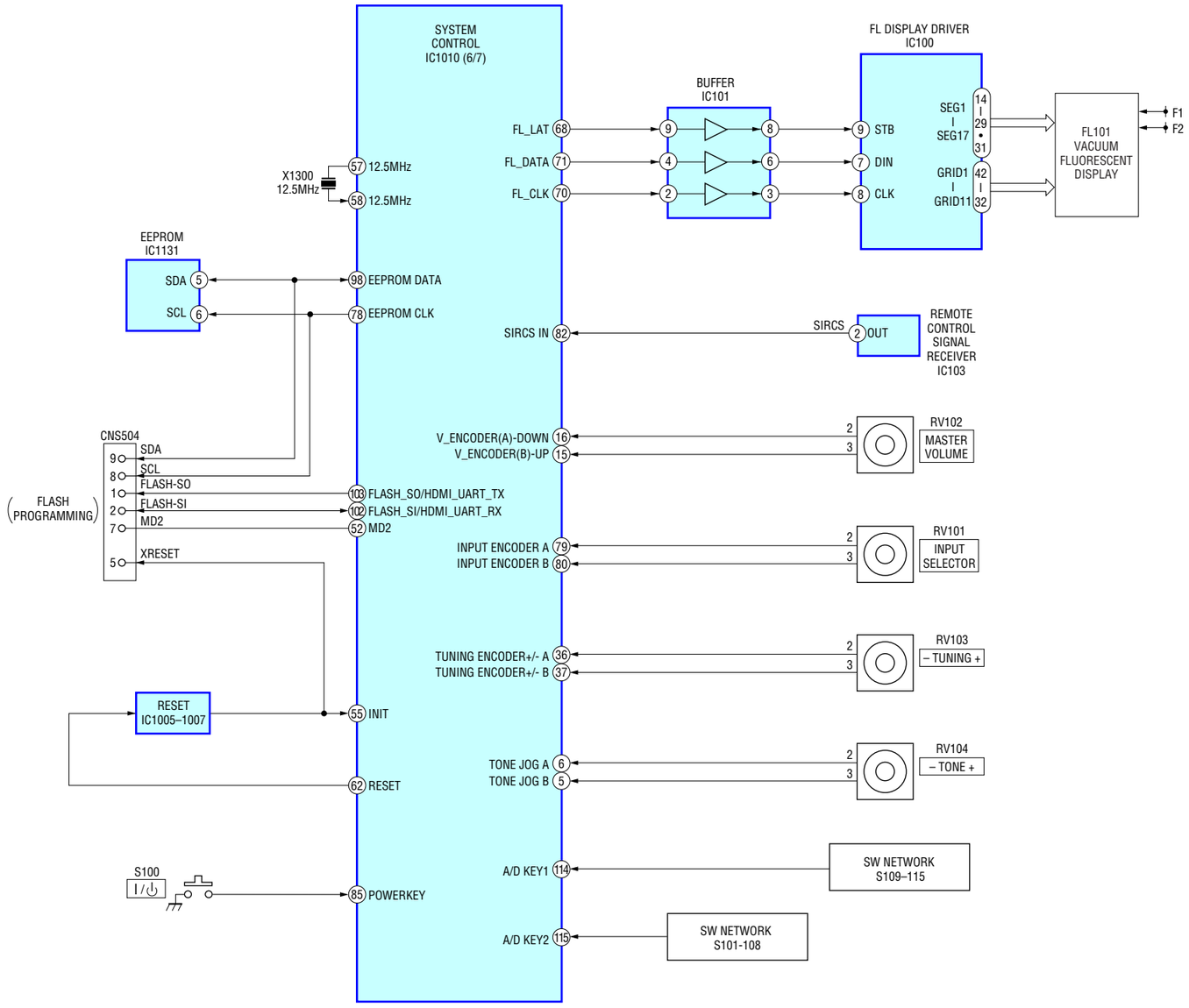
5-4. BLOCK DIAGRAM — HDMI SW SECTION —



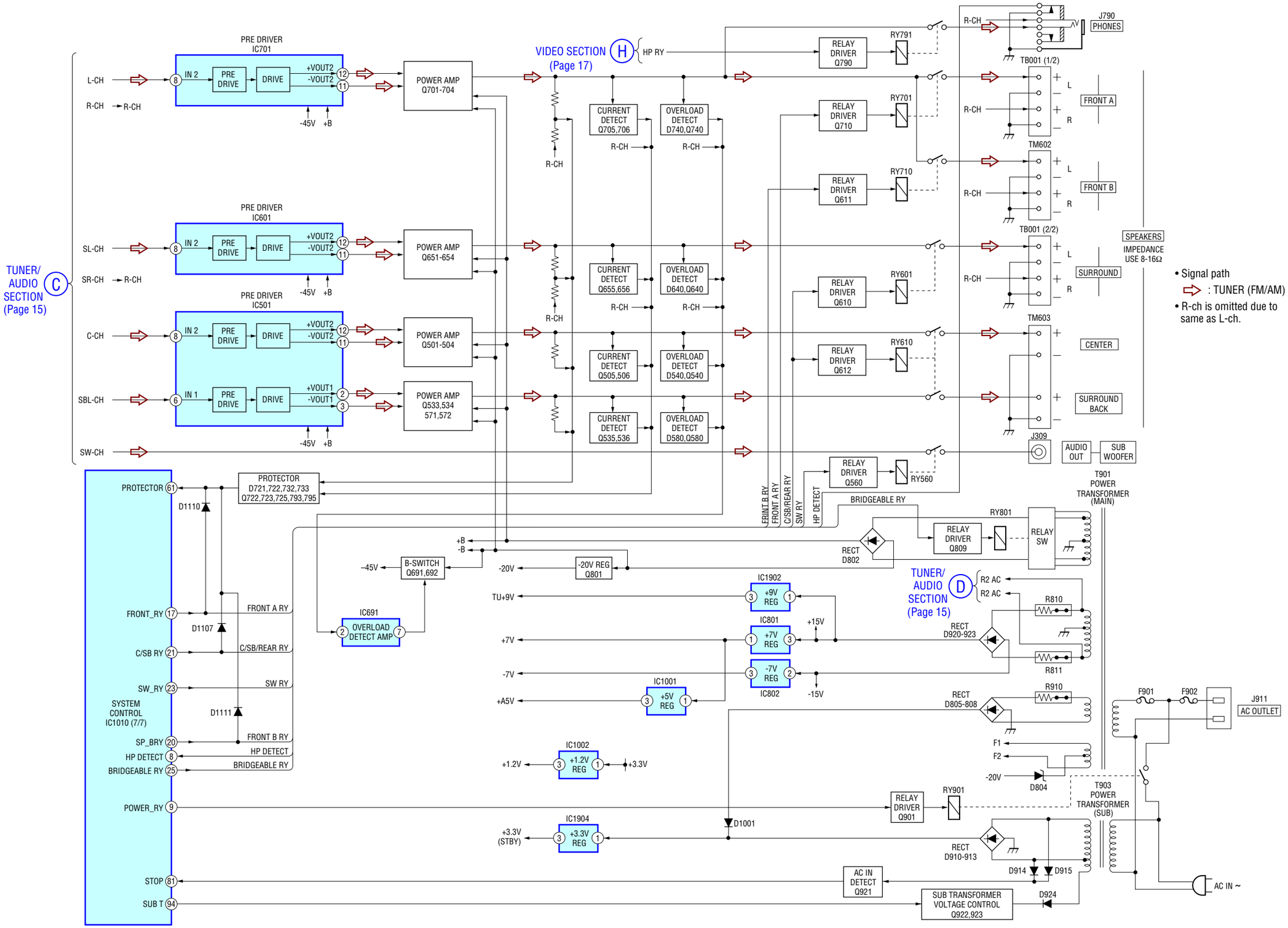
5-5. BLOCK DIAGRAM — XM SECTION —



5-6. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



5-7. BLOCK DIAGRAM — POWER SECTION —



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

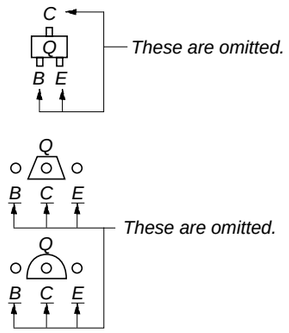
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- : B+ Line.
- : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER (FM/AM)
  : VIDEO (AUDIO)
  : VIDEO
  : DVD (DIGITAL)
  : CD (ANALOG)

for printed wiring boards:

- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.

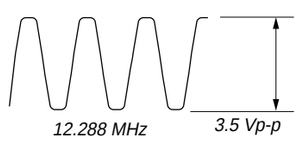
Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.



• Waveforms

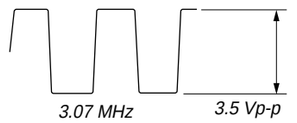
— DIGITAL Board —

① **IC1301 ⑬ (CKOUT)**



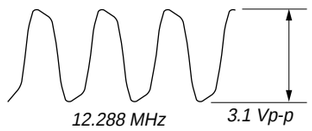
1 V/DIV, 50 nsec/DIV

② **IC1301 ⑭ (BCK)**



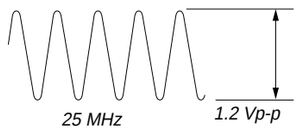
1 V/DIV, 0.2 µsec/DIV

③ **IC1301 ㉑ (XOUT)**



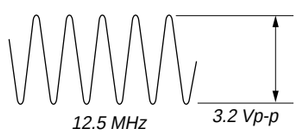
1 V/DIV, 50 nsec/DIV

④ **IC1009 ⑬④ (XTAL)**



0.5 V/DIV, 20 nsec/DIV

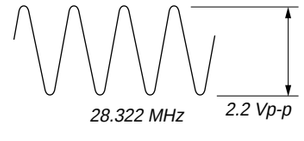
⑤ **IC1010 ㊼ (12.5MHz)**



1 V/DIV, 50 nsec/DIV

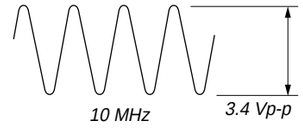
— HDMI RE Board —

① **IC3511 ㉞ (XTALOUT)**



1 V/DIV, 20 nsec/DIV

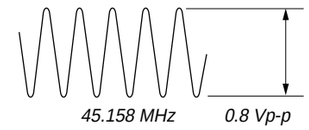
② **IC3519 ⑪ (XOUT)**



1 V/DIV, 50 nsec/DIV

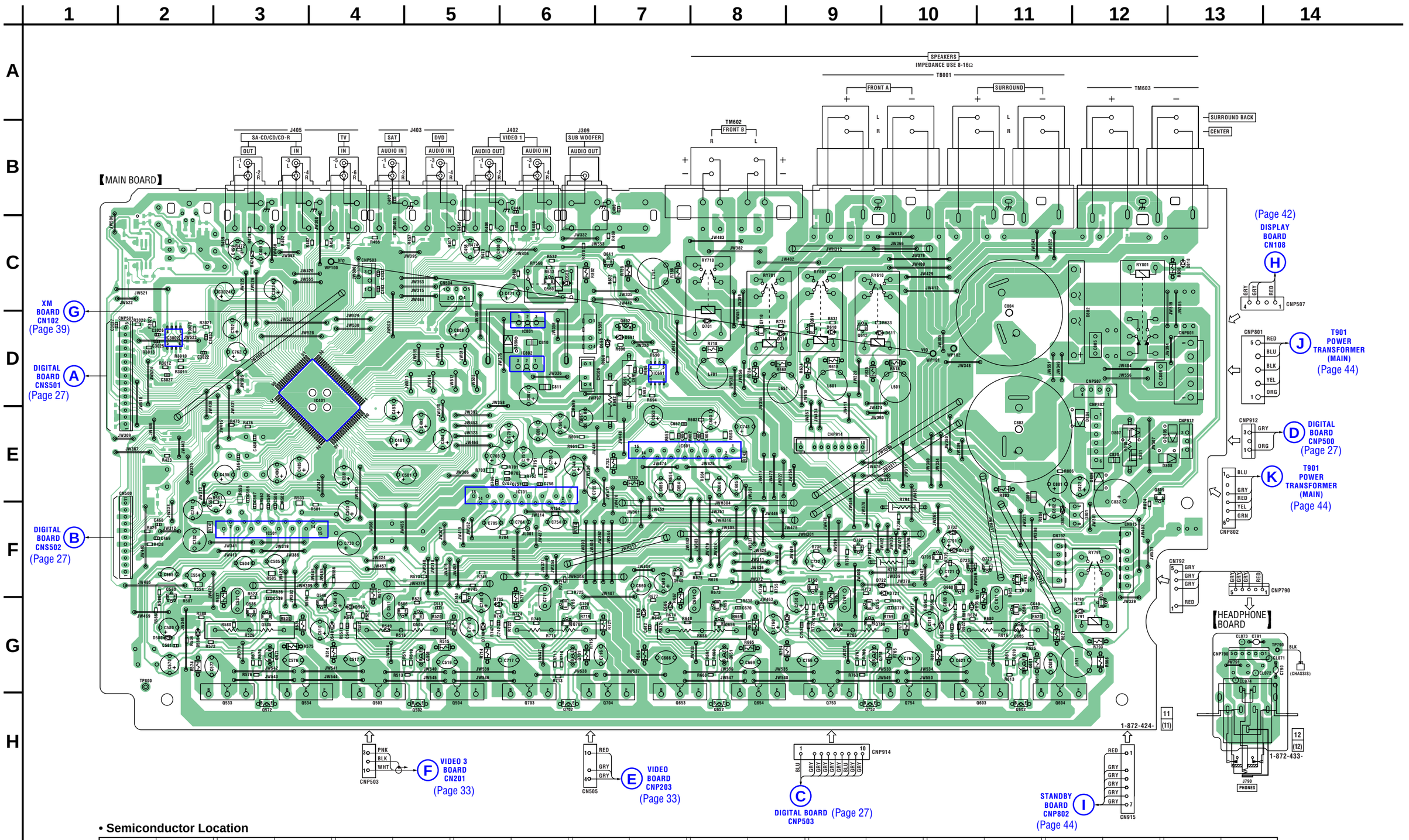
— XM Board —

① **IC102 ㉖ (OSCOUT)**



1 V/DIV, 50 nsec/DIV

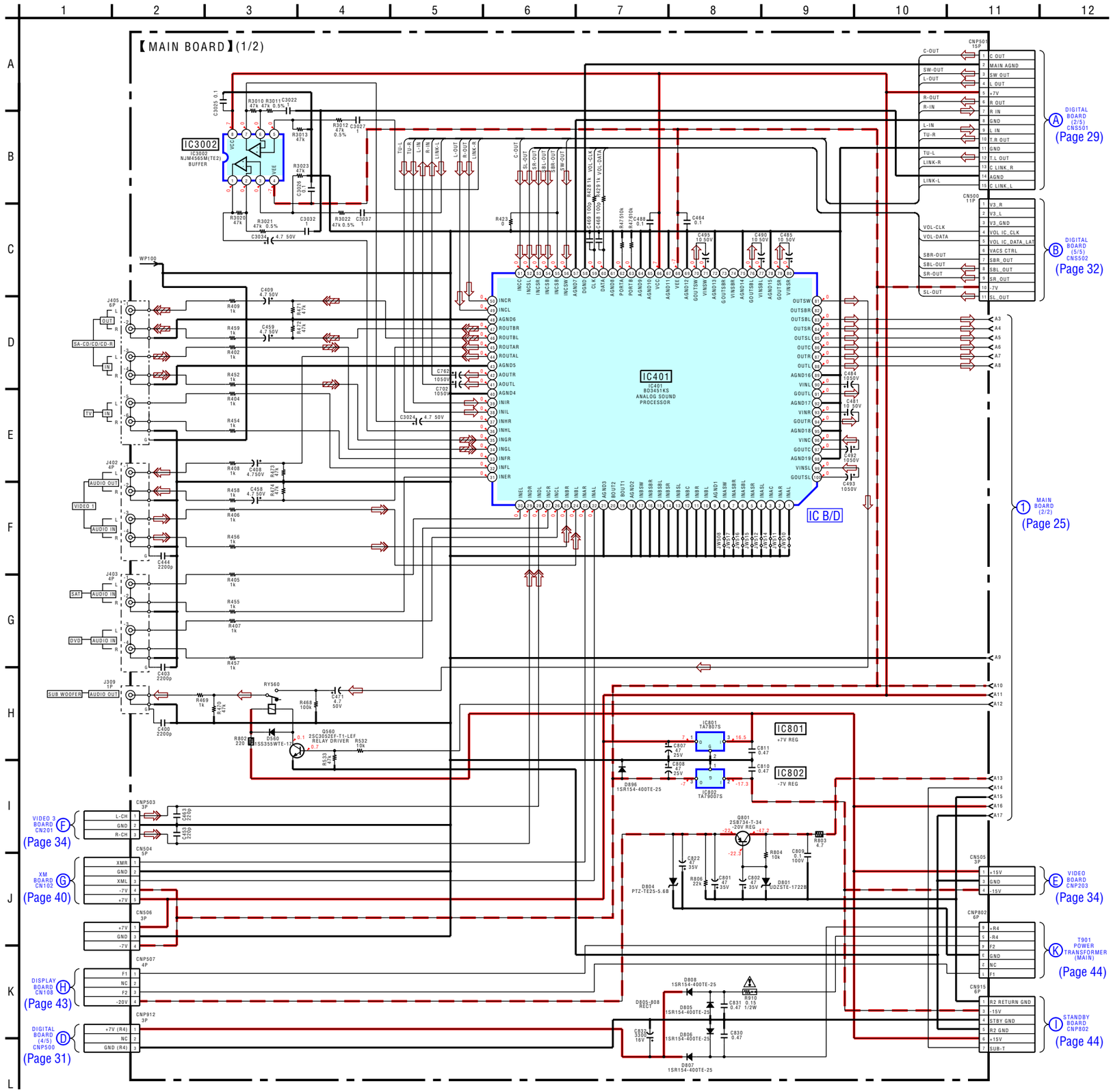
5-8. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



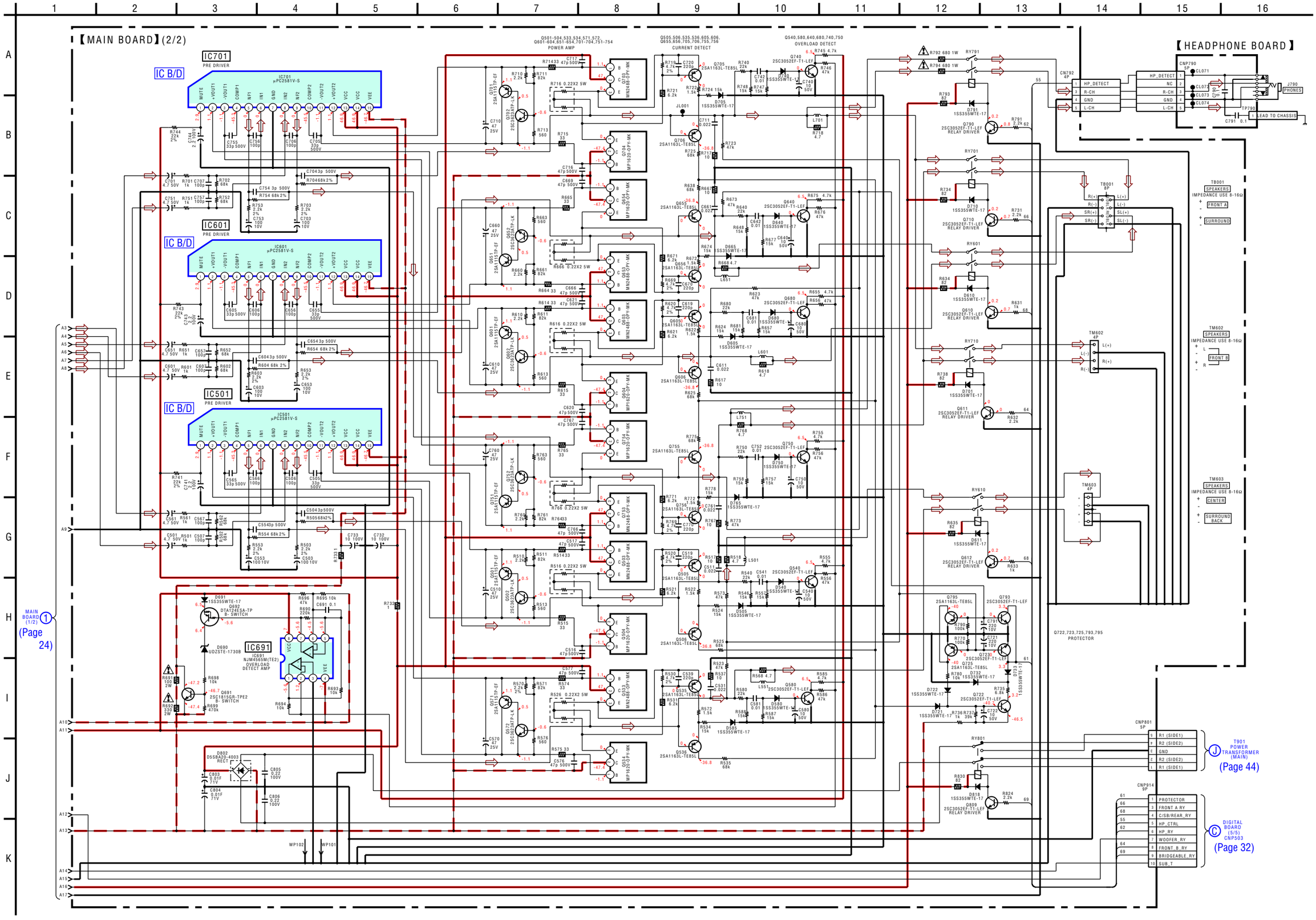
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	G-4	D680	G-10	D740	G-5	D808	E-13	IC802	D-6	Q534	H-3	Q603	H-11	Q653	H-7	Q704	H-7	Q752	H-9
D540	G-4	D690	D-7	D750	G-9	D818	C-13	IC3002	D-2	Q535	G-3	Q604	H-11	Q654	H-8	Q705	G-6	Q753	H-9
D560	C-6	D691	D-7	D765	G-9	D896	D-6			Q536	G-3	Q605	G-11	Q655	G-8	Q706	G-6	Q754	H-10
D580	G-2	D701	D-8	D791	G-12			Q501	G-5	Q540	G-4	Q606	G-11	Q656	G-8	Q710	D-8	Q755	G-9
D585	G-2	D705	G-5	D801	F-11	IC401	D-4	Q502	H-5	Q560	C-6	Q610	D-9	Q680	F-10	Q722	F-9	Q756	G-9
D605	G-10	D710	D-8	D802	D-12	IC501	F-3	Q503	H-4	Q571	G-3	Q611	C-7	Q691	E-6	Q723	F-11	Q790	G-12
D610	D-9	D721	F-10	D804	E-12	IC601	E-7	Q504	H-5	Q572	H-3	Q612	D-9	Q692	D-7	Q725	F-10	Q793	F-11
D611	D-10	D722	F-10	D805	E-13	IC691	D-7	Q505	G-5	Q580	F-2	Q640	F-7	Q701	G-6	Q740	G-5	Q795	F-10
D640	G-7	D732	F-10	D806	E-12	IC701	E-6	Q506	G-4	Q601	G-11	Q651	G-8	Q702	H-6	Q750	F-9	Q801	F-12
D665	G-7	D733	F-10	D807	E-12	IC801	D-6	Q533	H-3	Q602	H-11	Q652	H-8	Q703	H-6	Q751	G-9	Q809	E-12

5-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 46 for IC Block Diagrams.



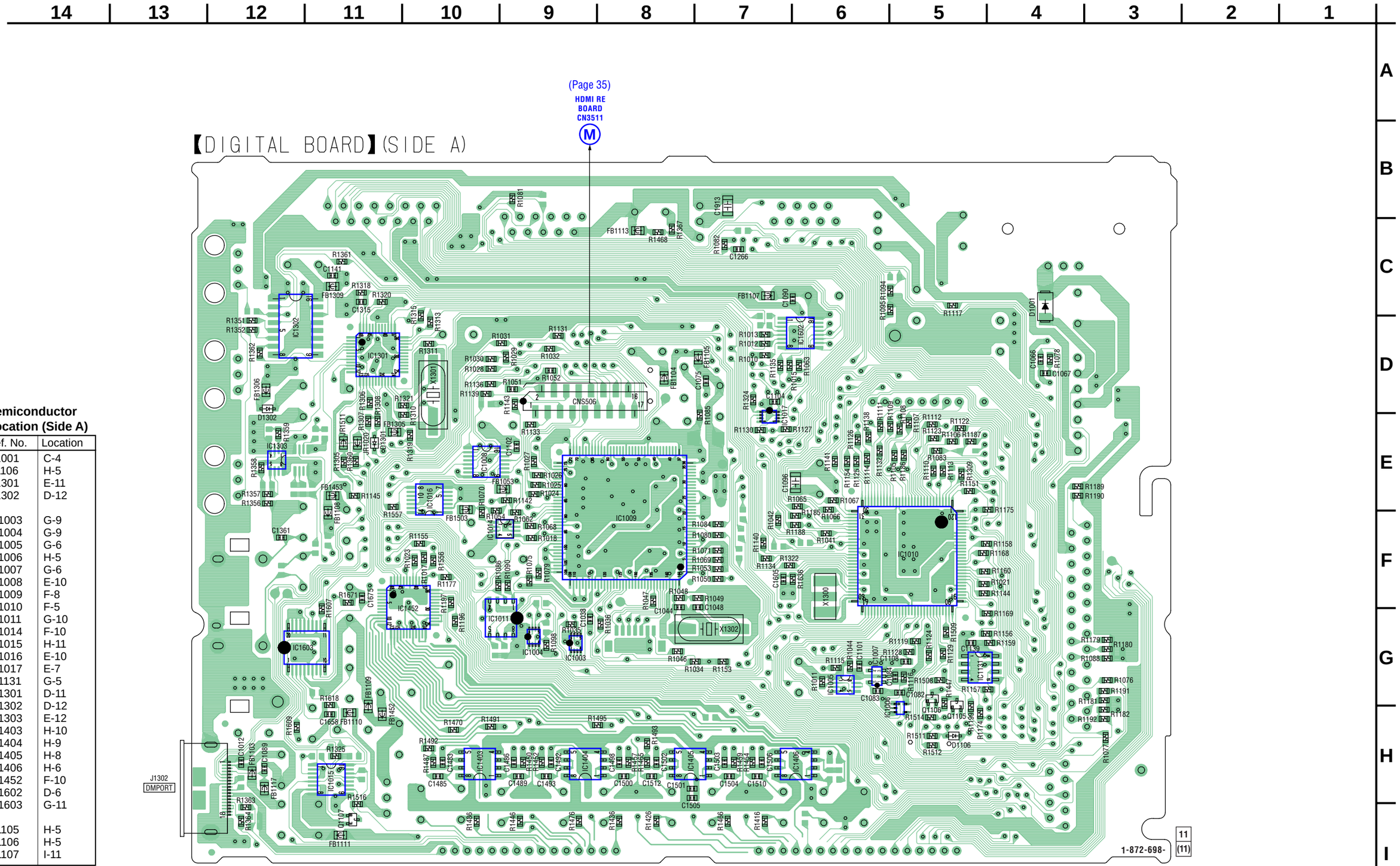
5-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 46 for IC Block Diagrams.



5-11. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) —

• Refer to page 14 for Circuit Boards Location.

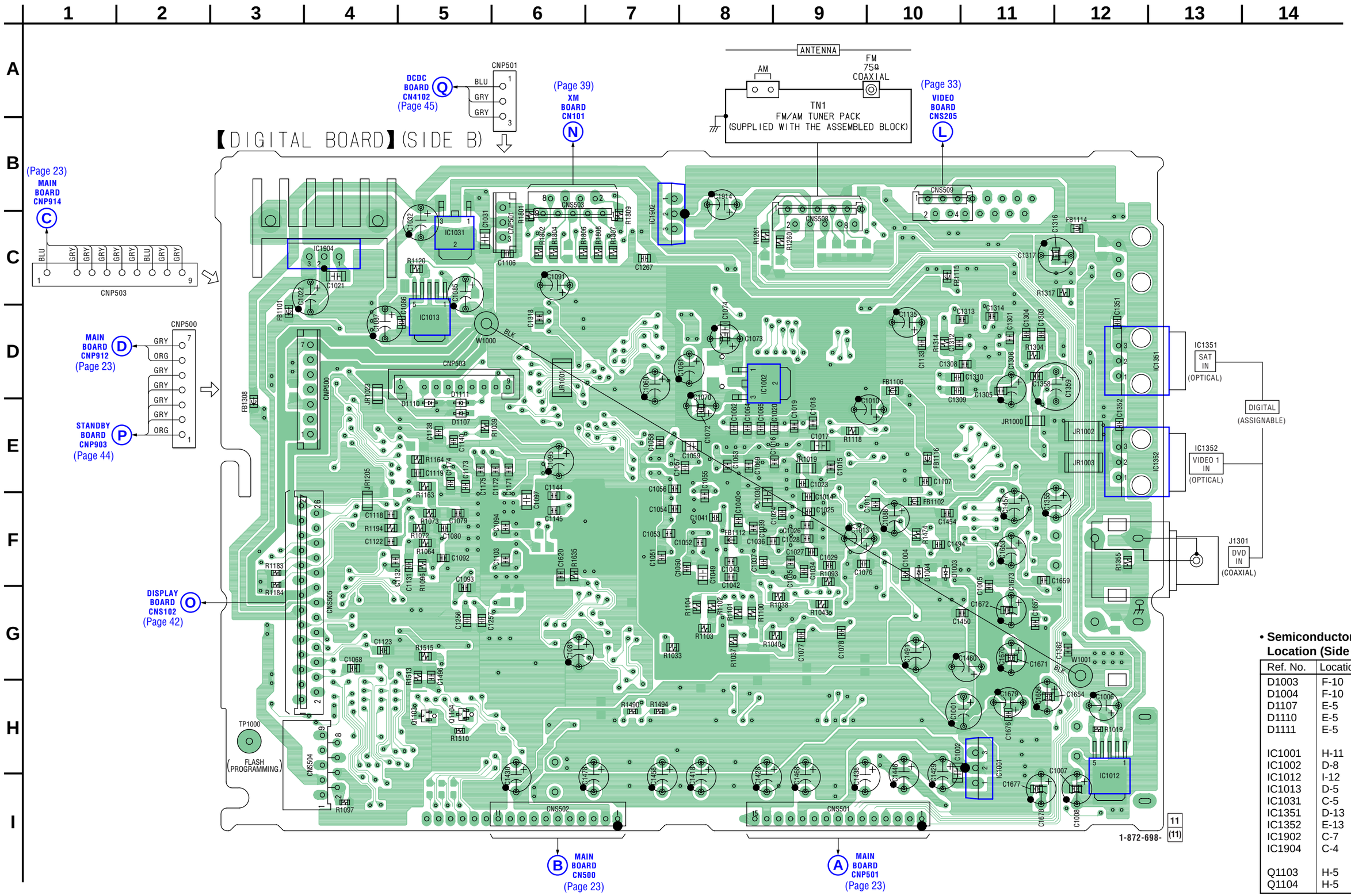
: Uses unleaded solder.



- **Semiconductor Location (Side A)**

Ref. No.	Location
D1001	C-4
D1106	H-5
D1301	E-11
D1302	D-12
IC1003	G-9
IC1004	G-9
IC1005	G-6
IC1006	H-5
IC1007	G-6
IC1008	E-10
IC1009	F-8
IC1010	F-5
IC1011	G-10
IC1014	F-10
IC1015	H-11
IC1016	E-10
IC1017	E-7
IC1131	G-5
IC1301	D-11
IC1302	D-12
IC1303	E-12
IC1403	H-10
IC1404	H-9
IC1405	H-8
IC1406	H-6
IC1452	F-10
IC1602	D-6
IC1603	G-11
Q1105	H-5
Q1106	H-5
Q1107	I-11

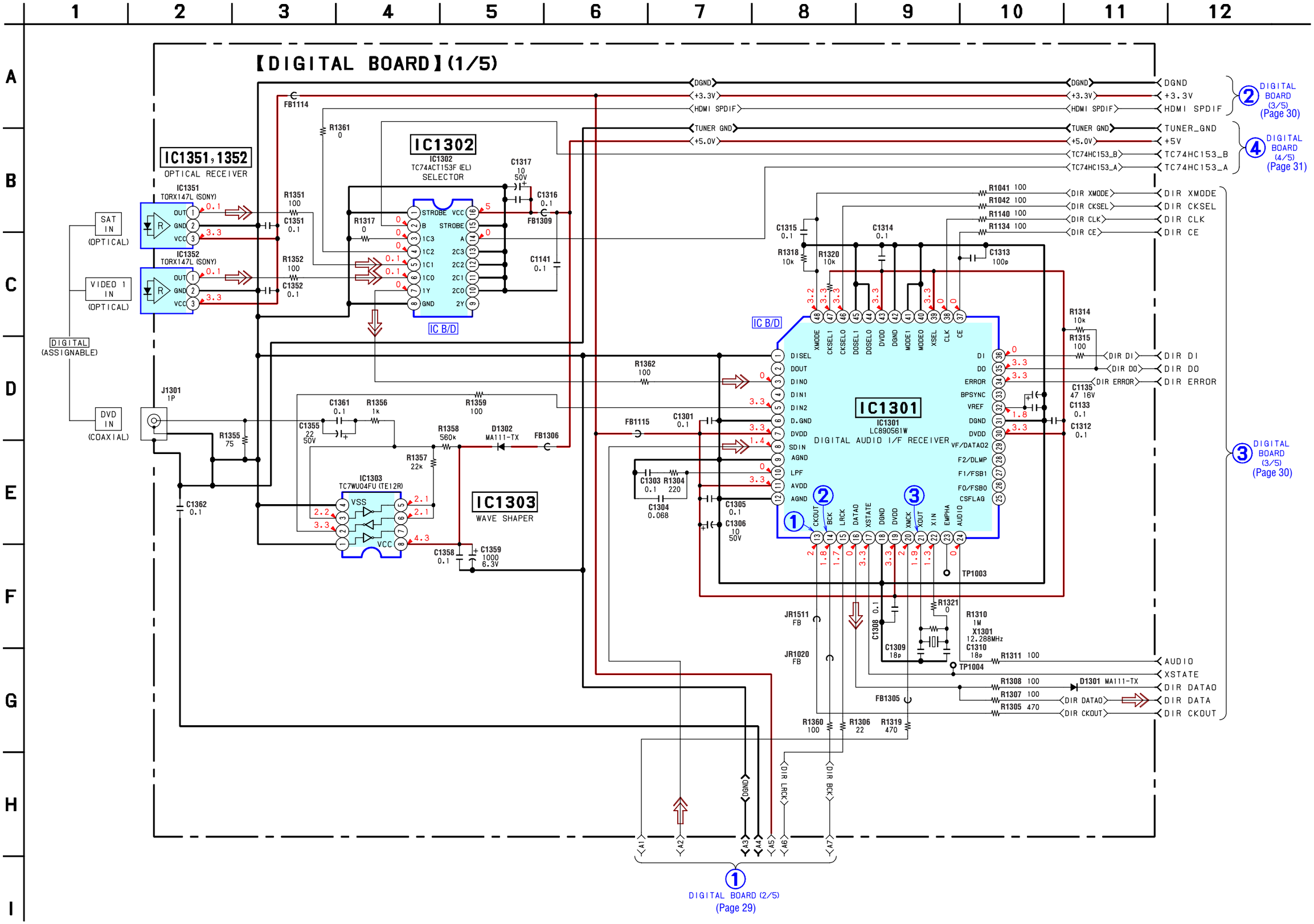
5-12. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



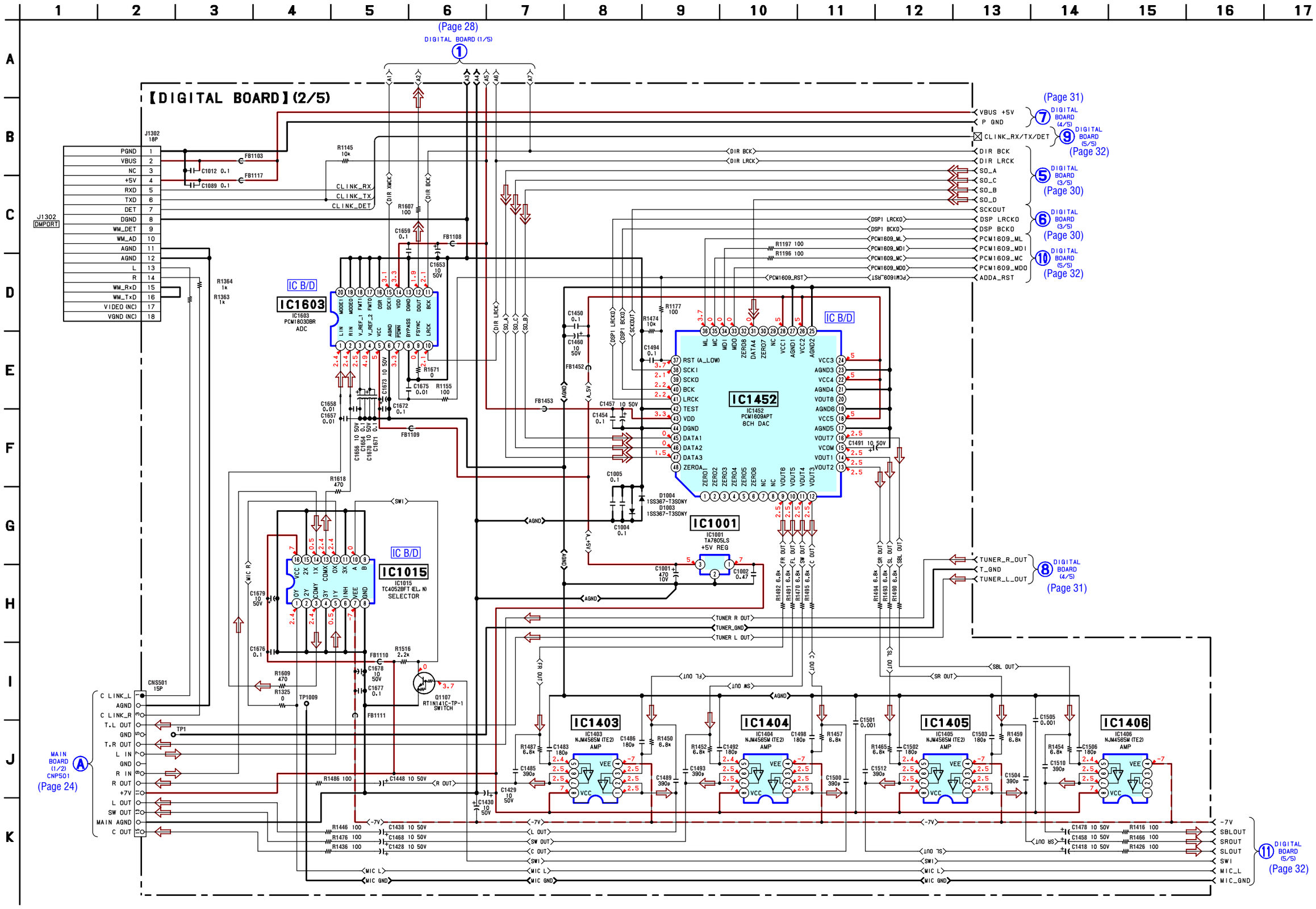
- **Semiconductor Location (Side B)**

Ref. No.	Location
D1003	F-10
D1004	F-10
D1107	E-5
D1110	E-5
D1111	E-5
IC1001	H-11
IC1002	D-8
IC1012	I-12
IC1013	D-5
IC1031	C-5
IC1351	D-13
IC1352	E-13
IC1902	C-7
IC1904	C-4
Q1103	H-5
Q1104	H-5

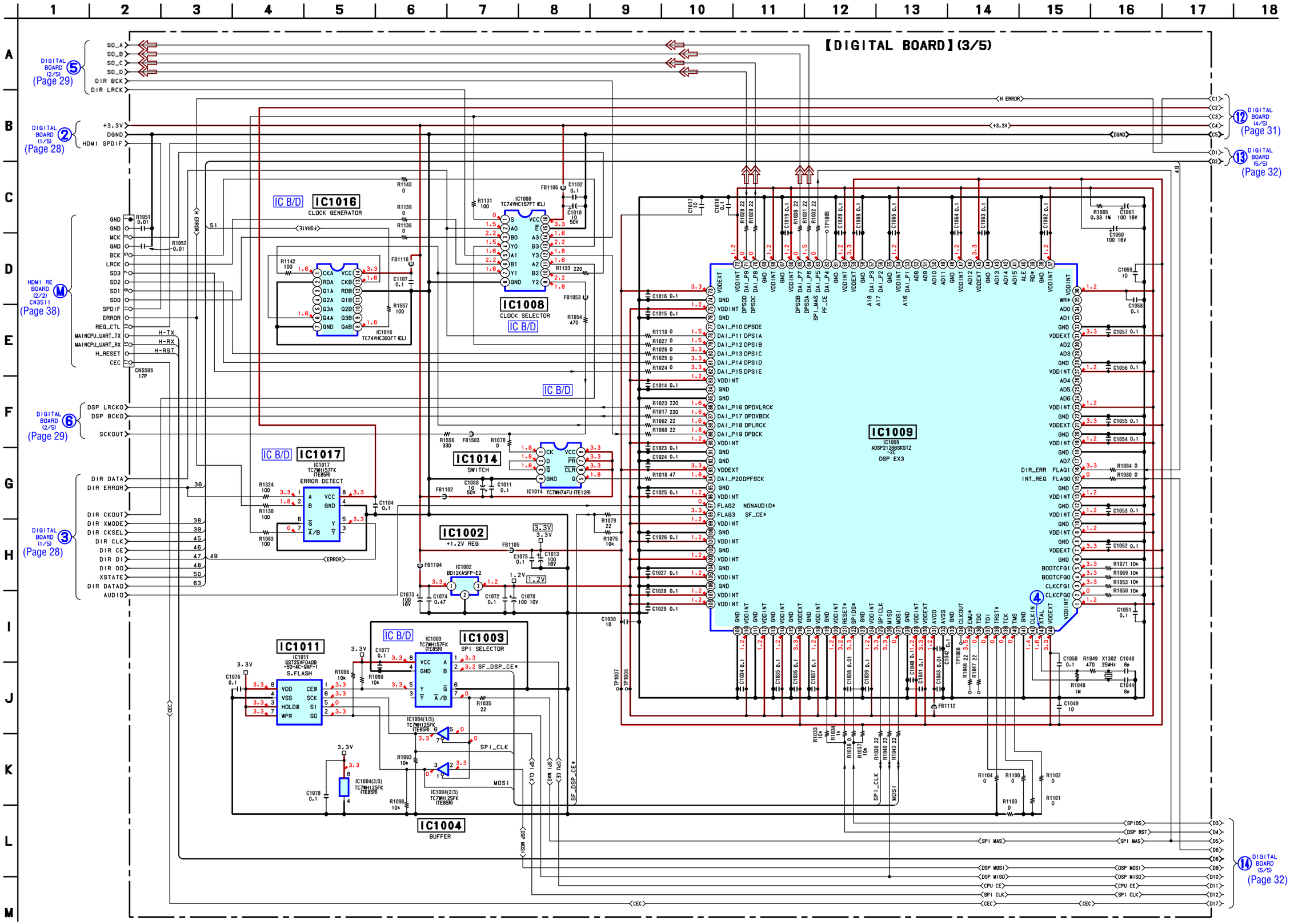
5-13. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/5) — • Refer to page 22 for Waveforms and page 46 for IC Block Diagrams.



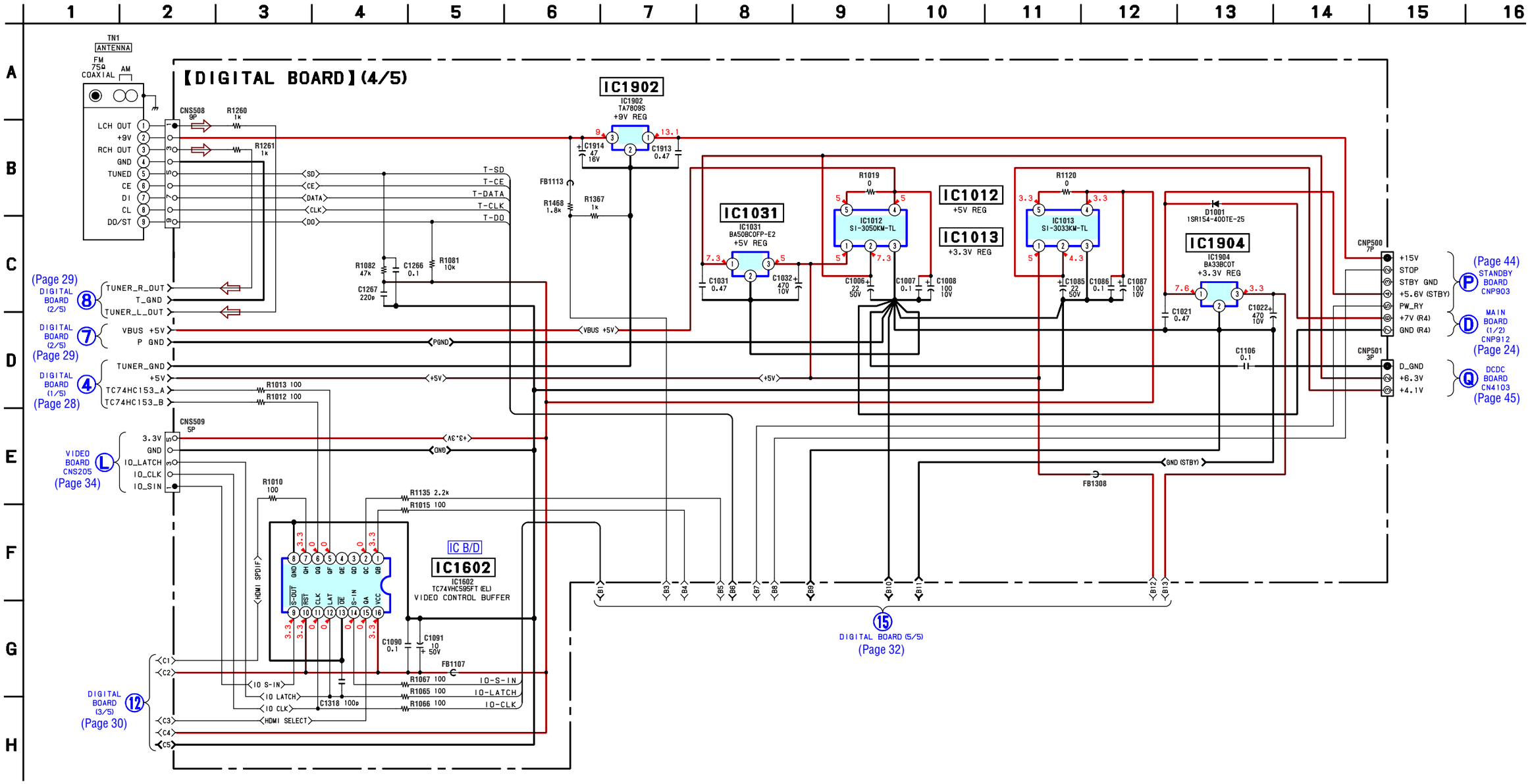
5-14. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/5) — • Refer to page 46 for IC Block Diagrams.



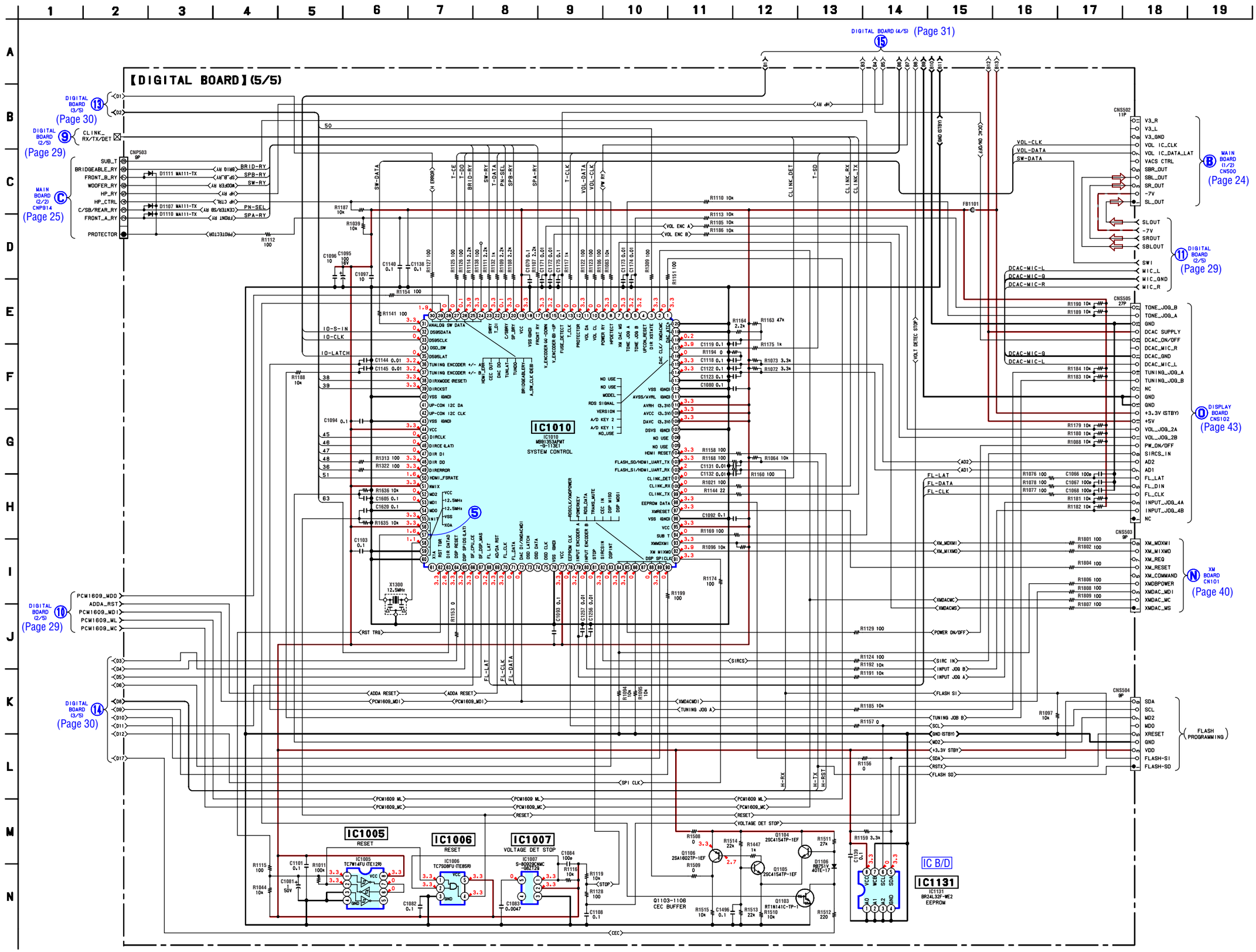
5-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/5) — • Refer to page 22 for Waveforms, page 47 for IC Block Diagrams and page 53 IC Pin Descriptions.



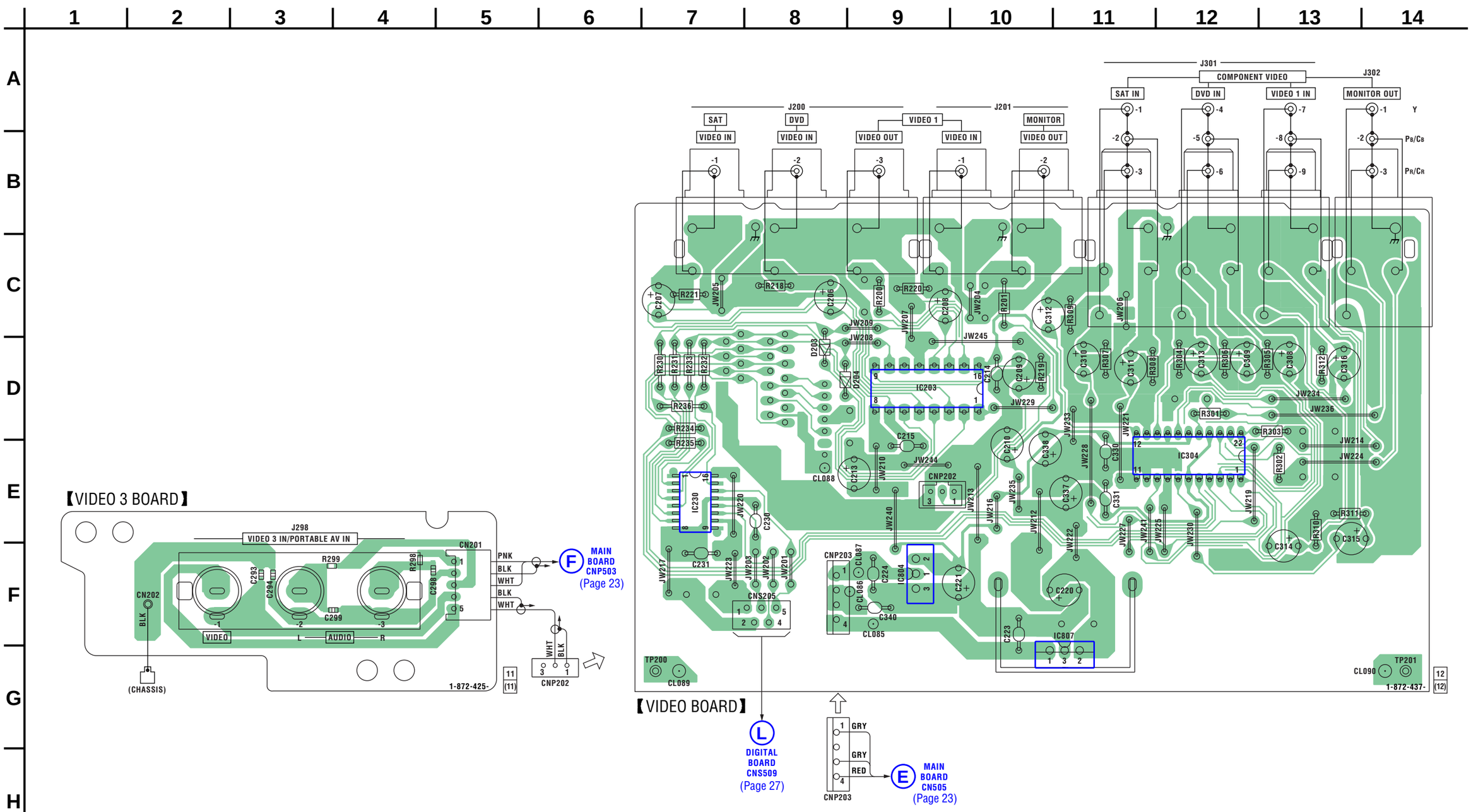
5-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (4/5) — • Refer to page 47 for IC Pin Descriptions.



5-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (5/5) — • Refer to page 22 for Waveforms and page 47 for IC Block Diagrams.



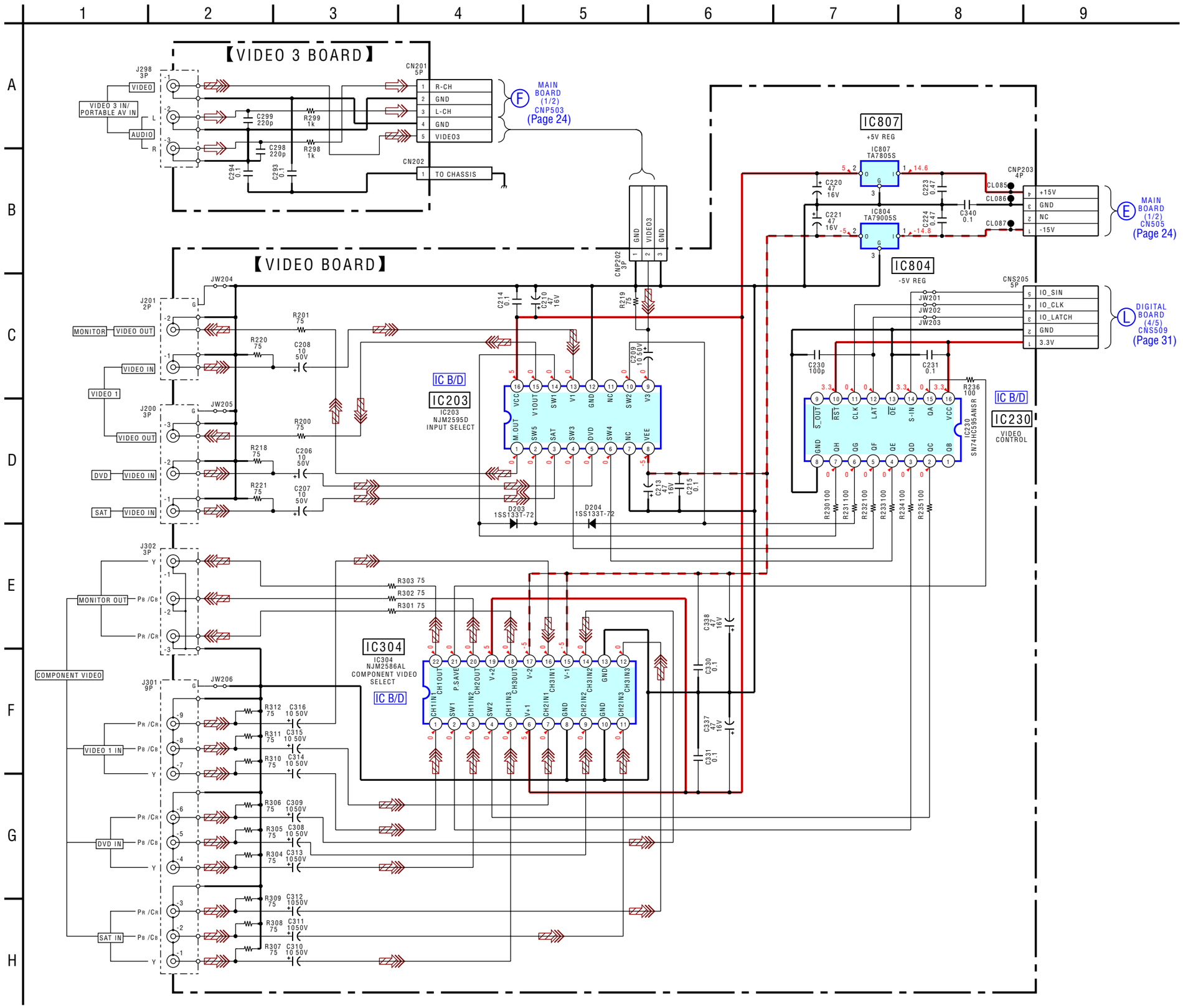
5-18. PRINTED WIRING BOARD — VIDEO SECTION — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



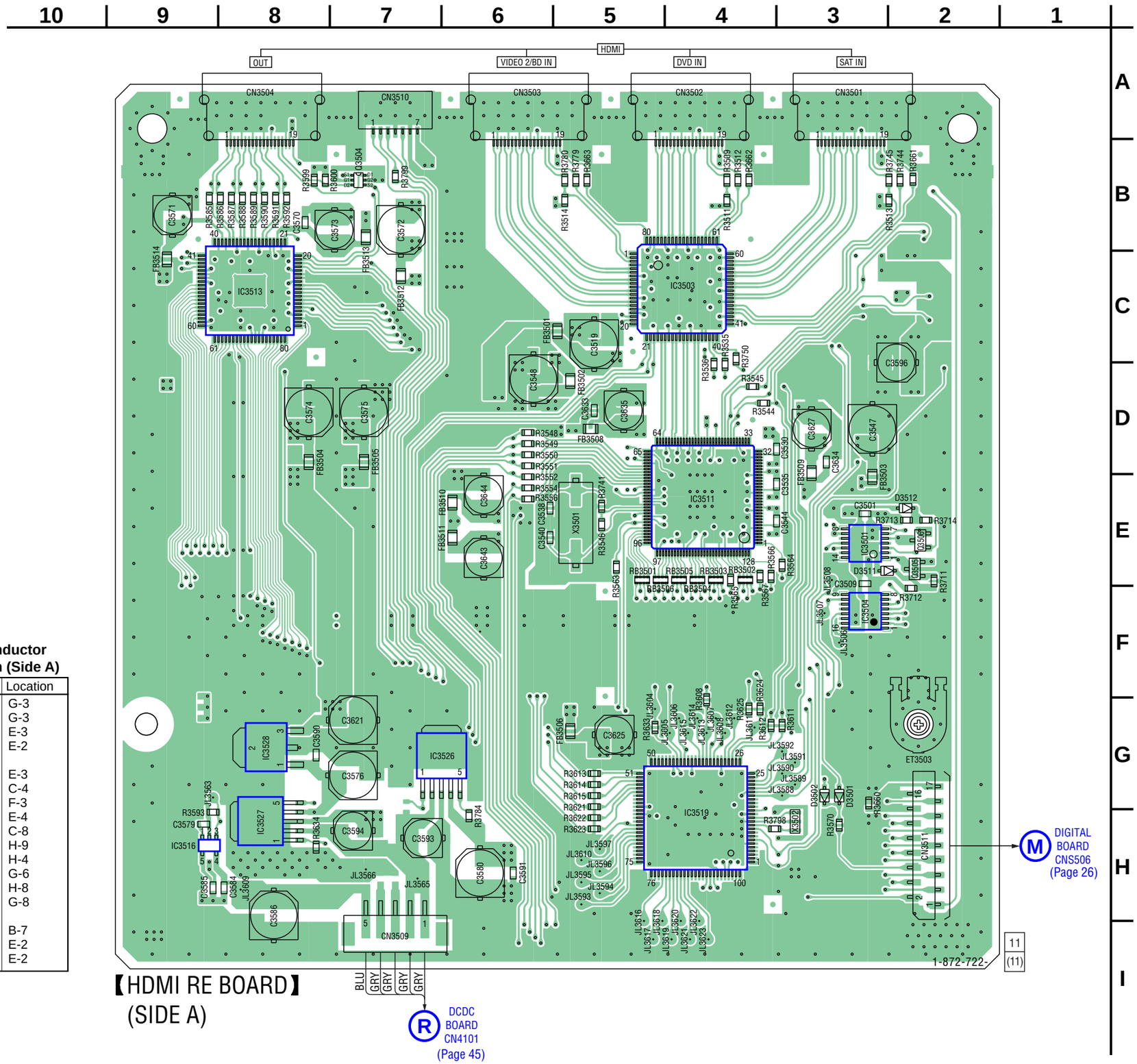
• **Semiconductor Location**

Ref. No.	Location
D203	D-8
D204	D-9
IC203	D-9
IC230	E-7
IC304	E-12
IC804	F-9
IC807	F-11

5-19. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 48 for IC Block Diagrams.



5-20. PRINTED WIRING BOARD — HDMI RE SECTION (1/2) — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



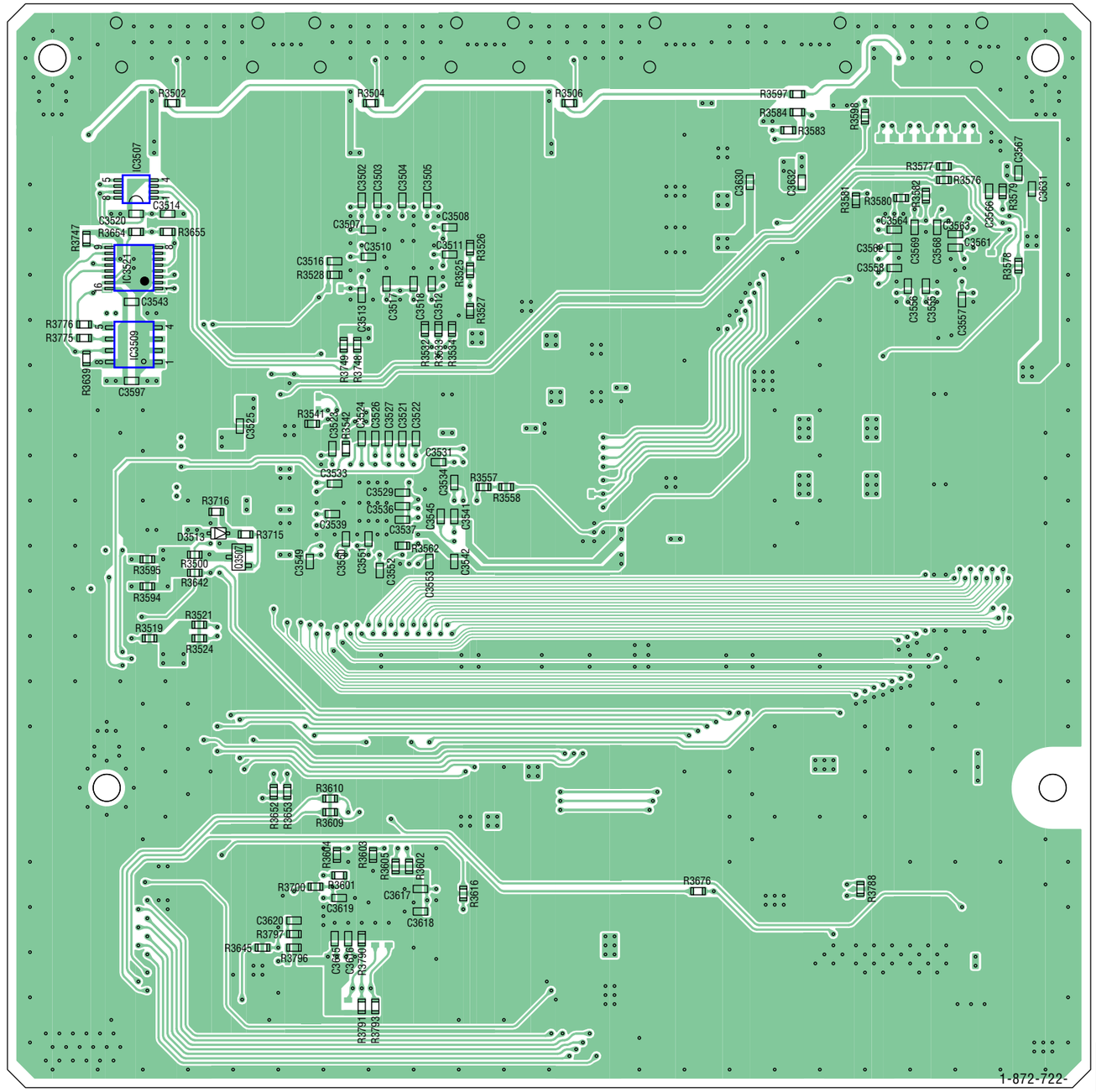
• **Semiconductor Location (Side A)**

Ref. No.	Location
D3501	G-3
D3502	G-3
D3511	E-3
D3512	E-2
IC3501	E-3
IC3503	C-4
IC3504	F-3
IC3511	E-4
IC3513	C-8
IC3516	H-9
IC3519	H-4
IC3526	G-6
IC3527	H-8
IC3528	G-8
Q3504	B-7
Q3505	E-2
Q3506	E-2

Note: When IC3511 and IC3513 on the HDMI RE board are damaged, exchange the new HDMI RE board for the HDMI RE board which IC damaged.

5-21. PRINTED WIRING BOARD — HDMI RE SECTION (2/2) — **• Refer to page 14 for Circuit Boards Location.** **: Uses unleaded solder.**

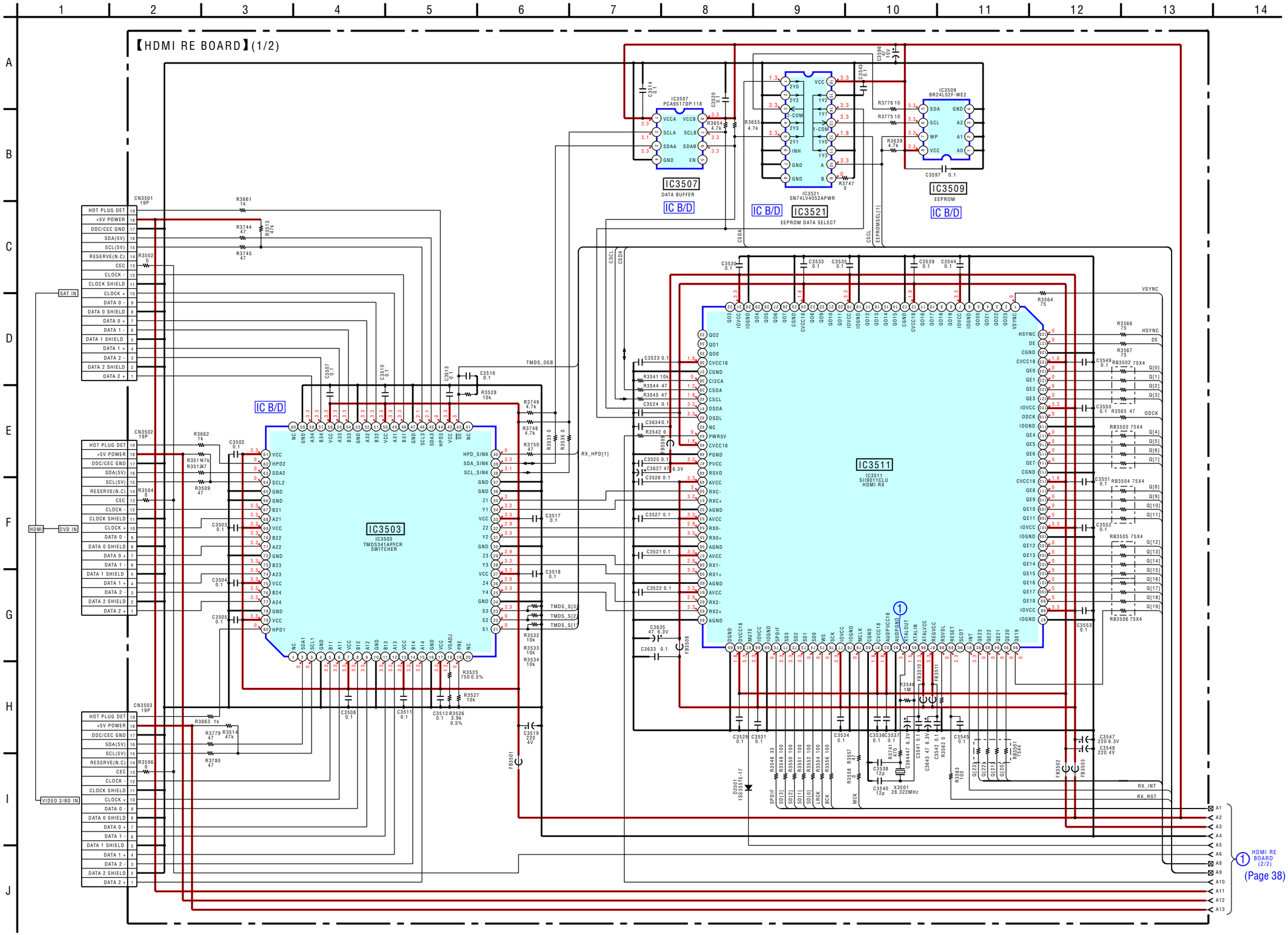
【HDMI RE BOARD】(SIDE B)



• Semiconductor Location (Side B)

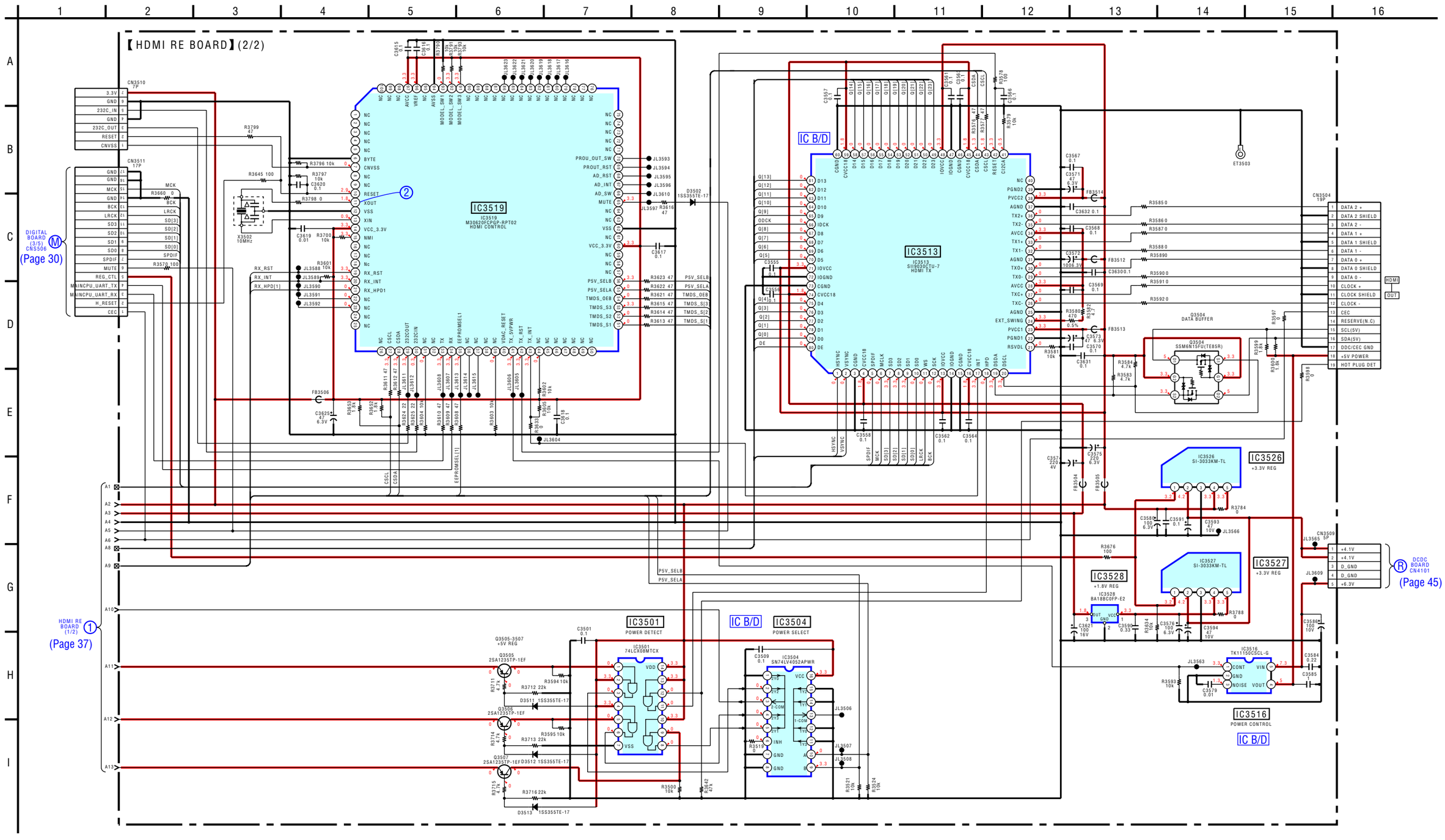
Ref. No.	Location
D3513	E-3
IC3507	B-2
IC3509	C-2
IC3521	C-2
Q3507	E-3

5-22. SCHEMATIC DIAGRAM — HDMI RE SECTION (1/2) — • Refer to page 22 for Waveforms, page 49 for IC Block Diagrams and page 56 for IC Pin Descriptions.



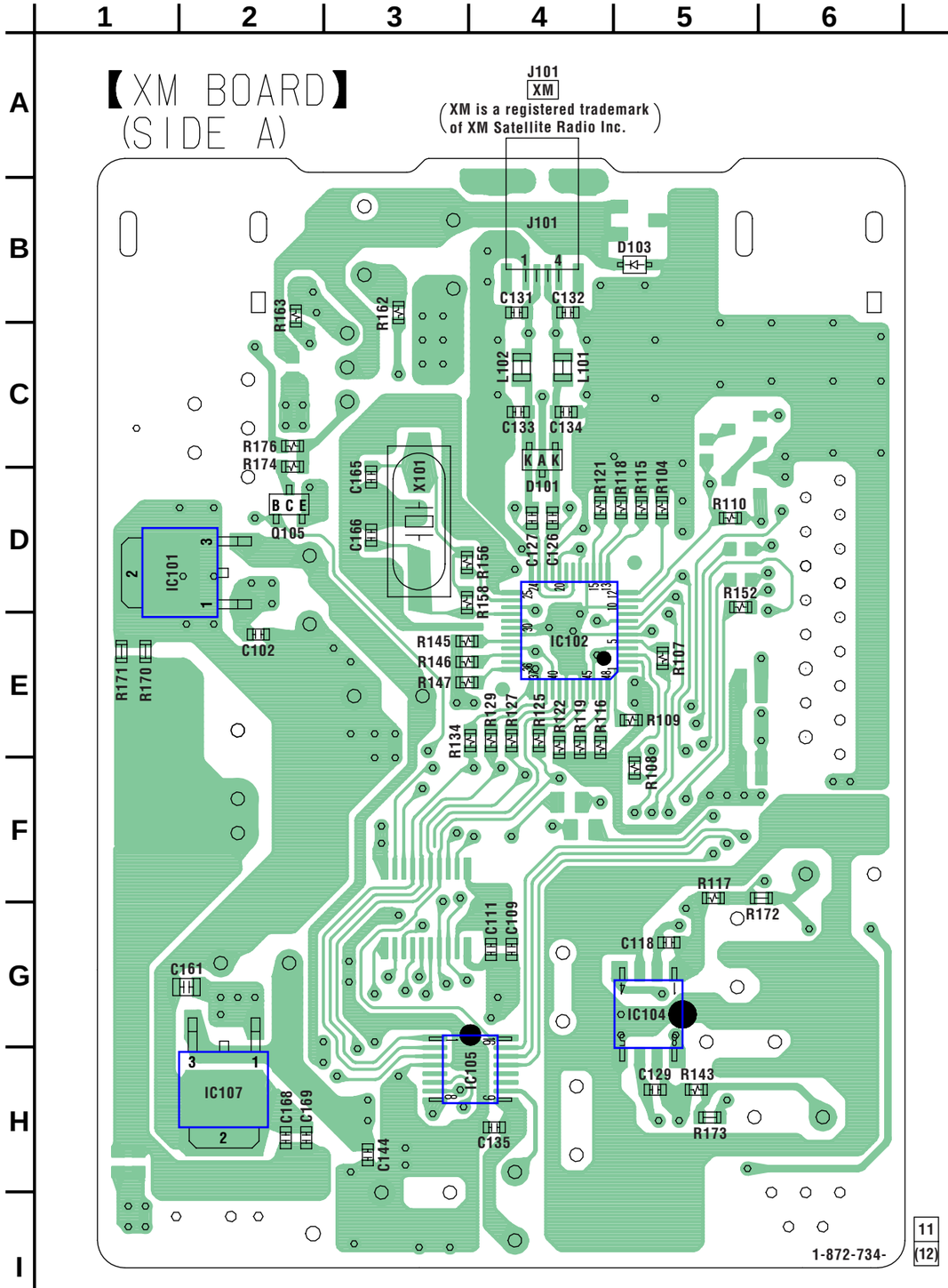
Note: When IC3511 on the HDMI RE board is damaged, exchange the new HDMI RE board for the HDMI RE board which IC damaged.

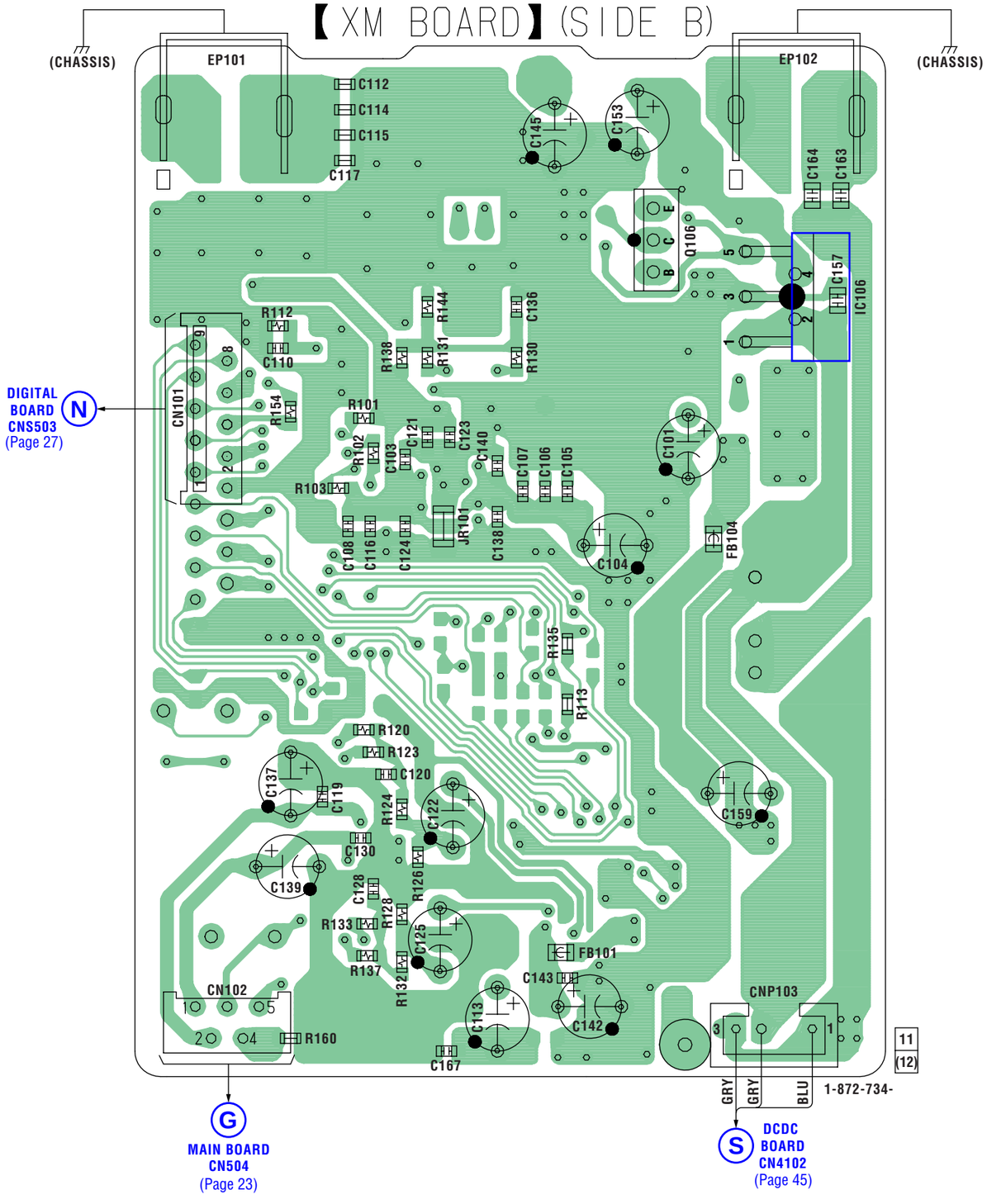
5-23. SCHEMATIC DIAGRAM — HDMI RE SECTION (2/2) — • Refer to page 22 for Waveforms, page 50 for IC Block Diagrams and page 58 for IC Pin Descriptions.



Note: When IC3513 on the HDMI RE board is damaged, exchange the new HDMI RE board for the HDMI RE board which IC damaged.

5-24. PRINTED WIRING BOARD — XM SECTION — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



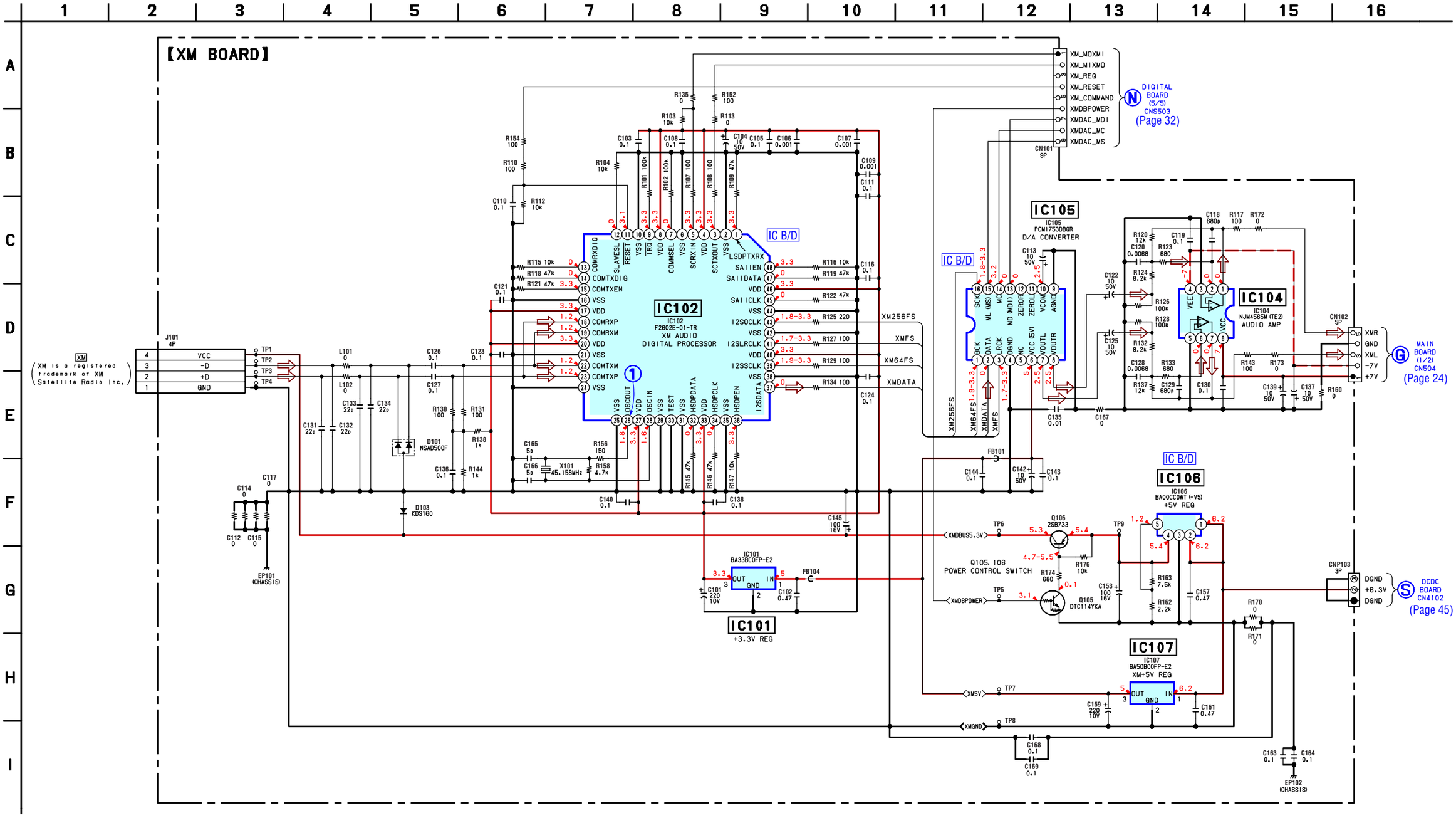


• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D101	D-4	IC105	H-4
D103	B-5	(IC106)	C-13
		IC107	H-2
IC101	D-1		
IC102	E-4	Q105	D-2
IC104	G-5	(Q106)	C-12

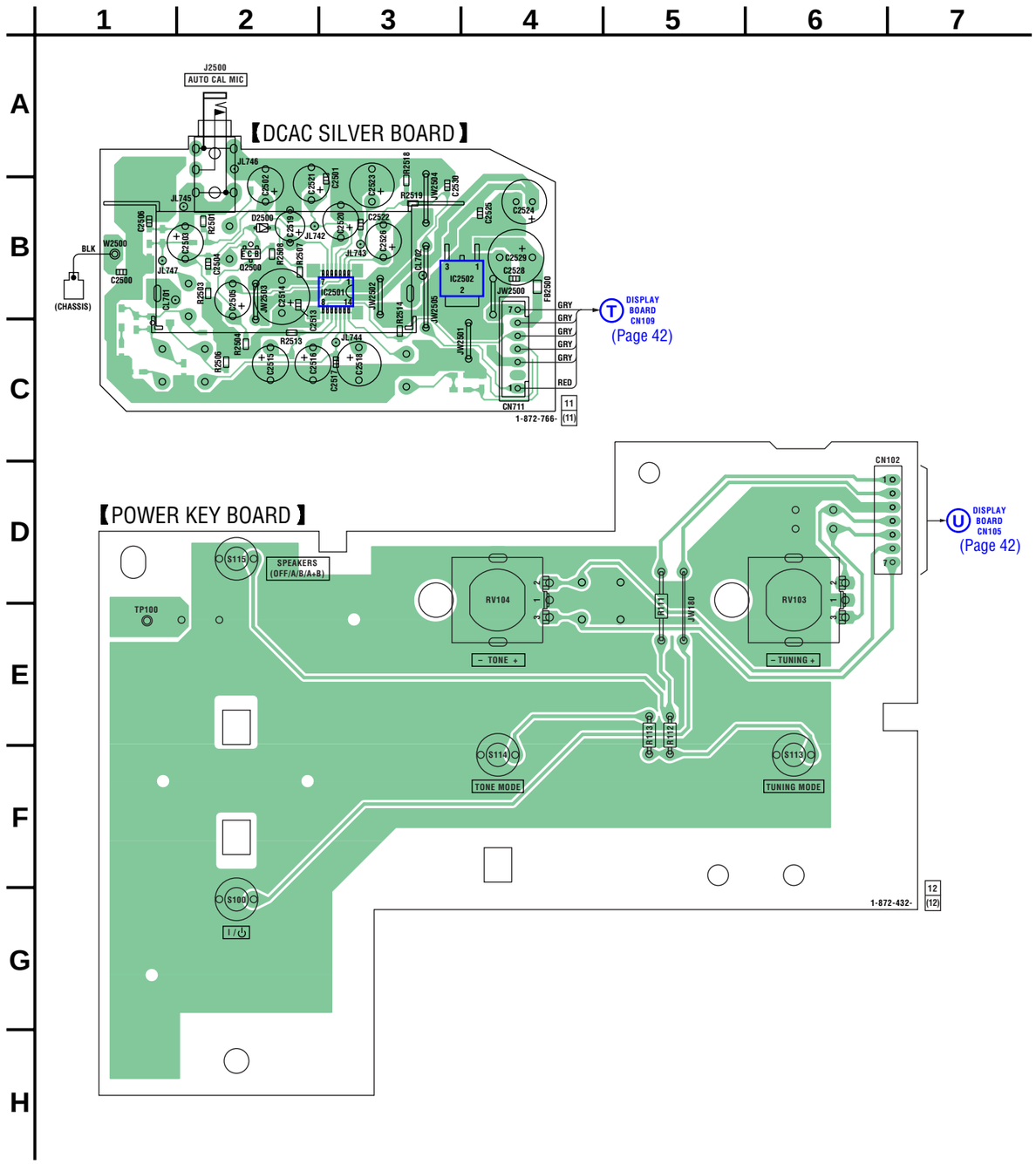
( ): SIDE B

5-25. SCHEMATIC DIAGRAM — XM SECTION — • Refer to page 50 for IC Block Diagrams.



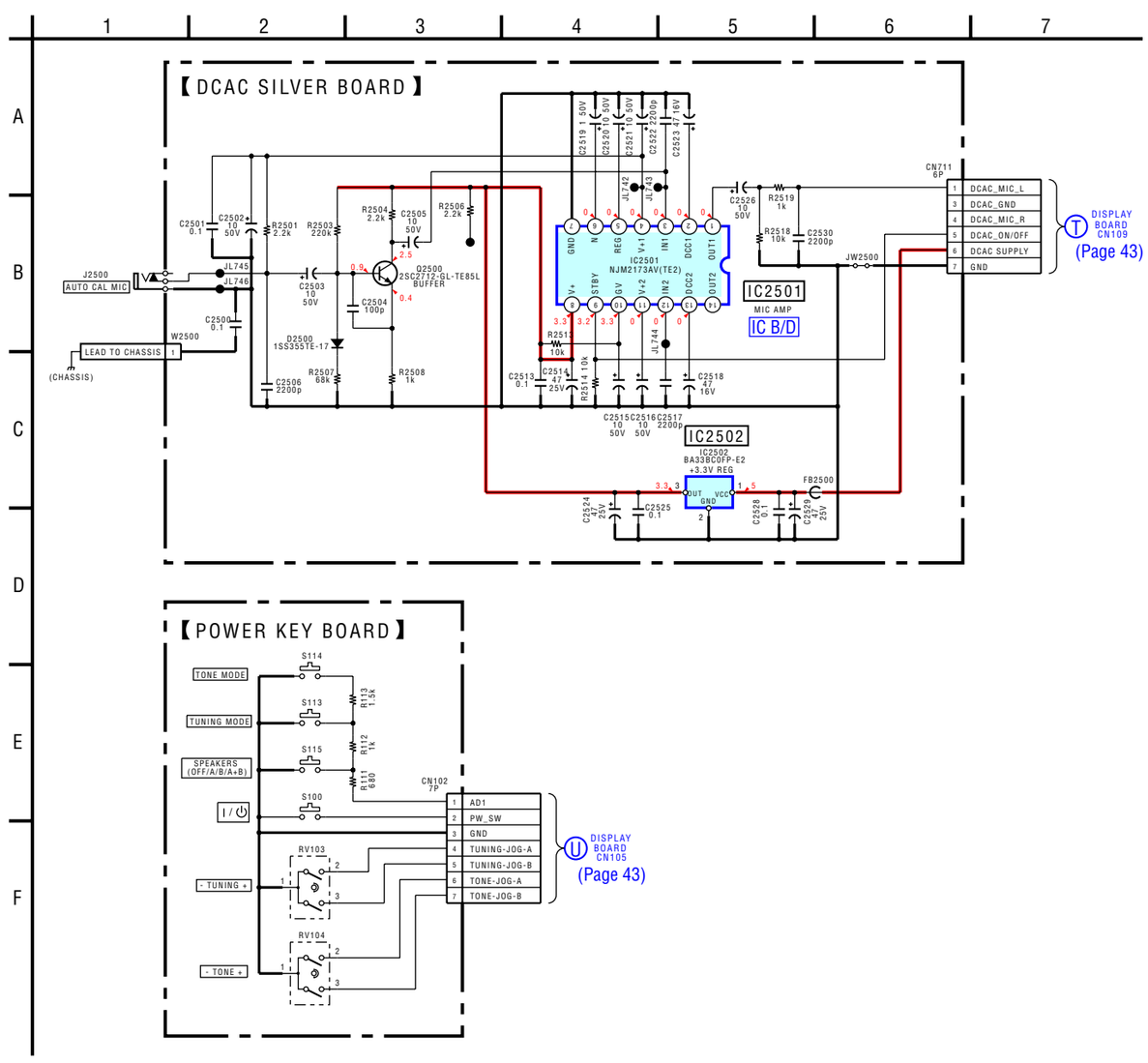
5-26. PRINTED WIRING BOARDS — DCAC, POWER KEY SECTION —

• Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.

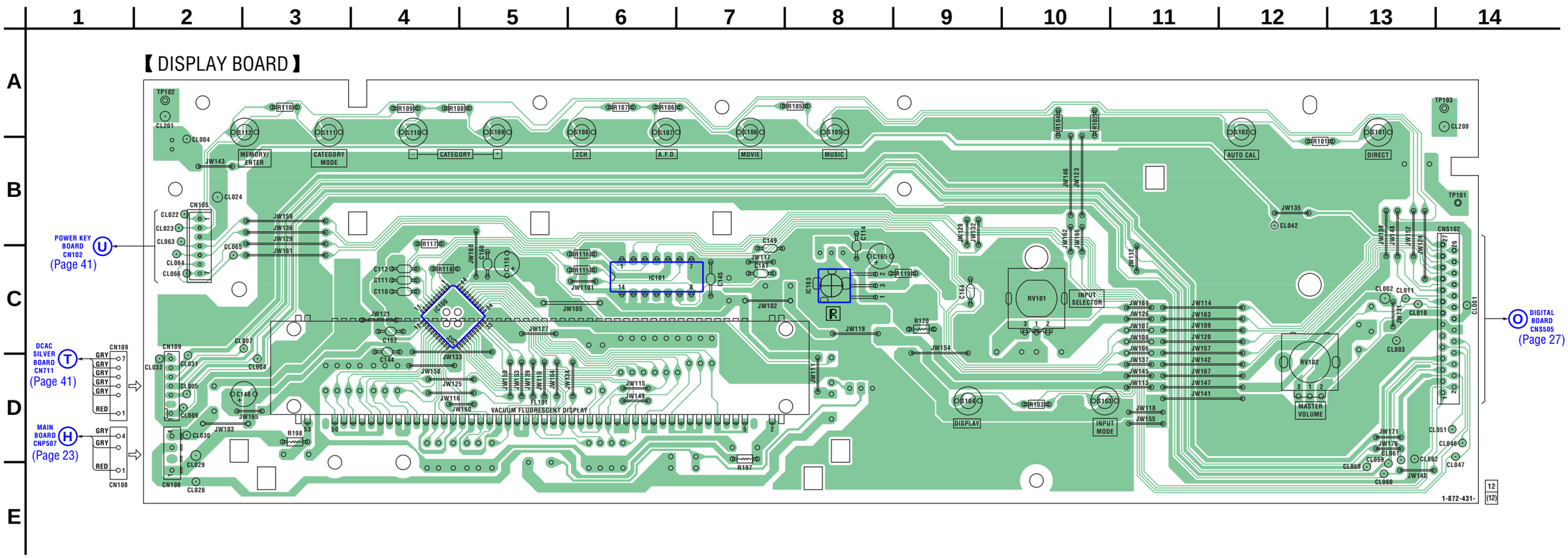


5-27. SCHEMATIC DIAGRAM — DCAC, POWER KEY SECTION —

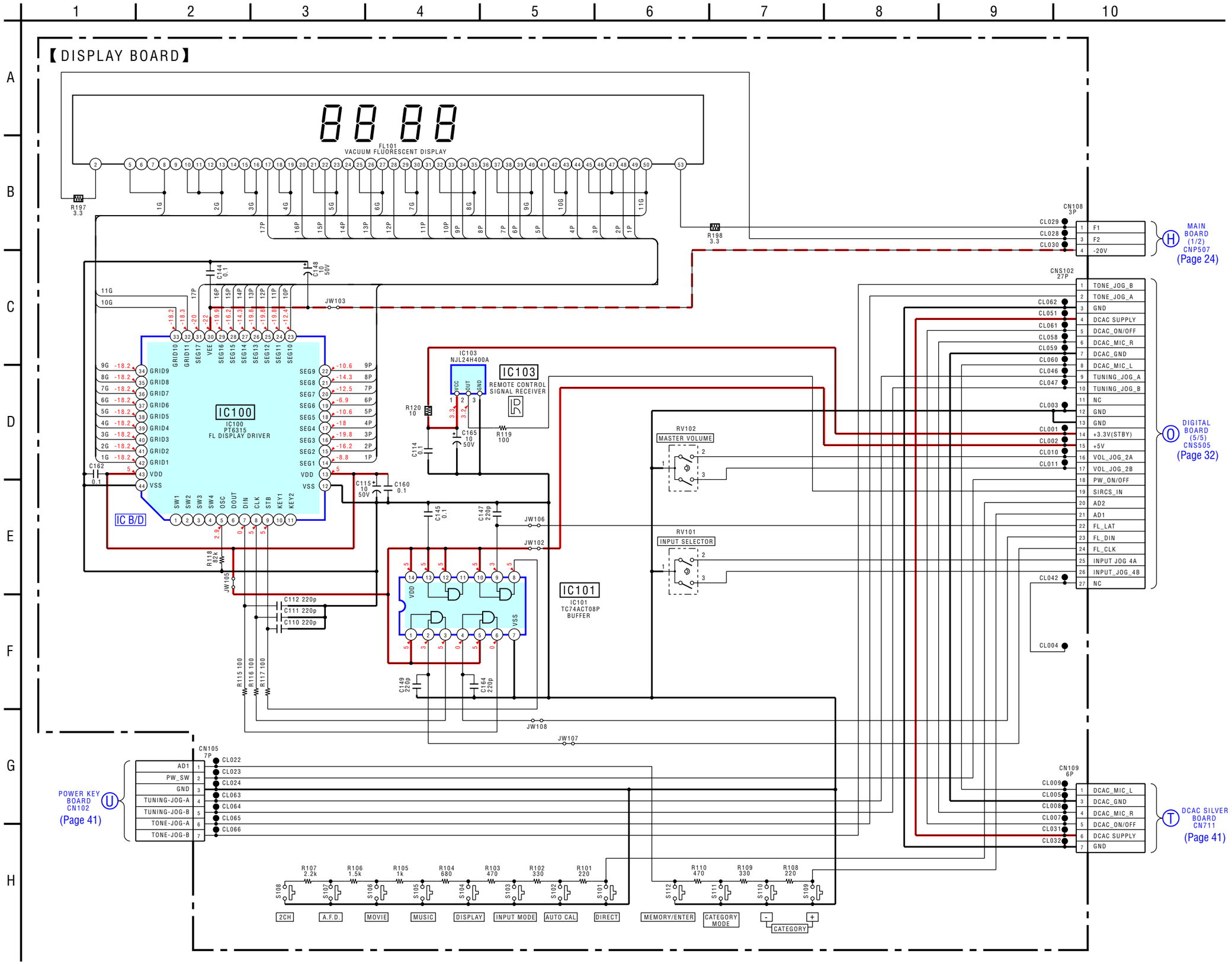
• Refer to page 51 for IC Block Diagrams.



5-28. PRINTED WIRING BOARD — DISPLAY SECTION — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.

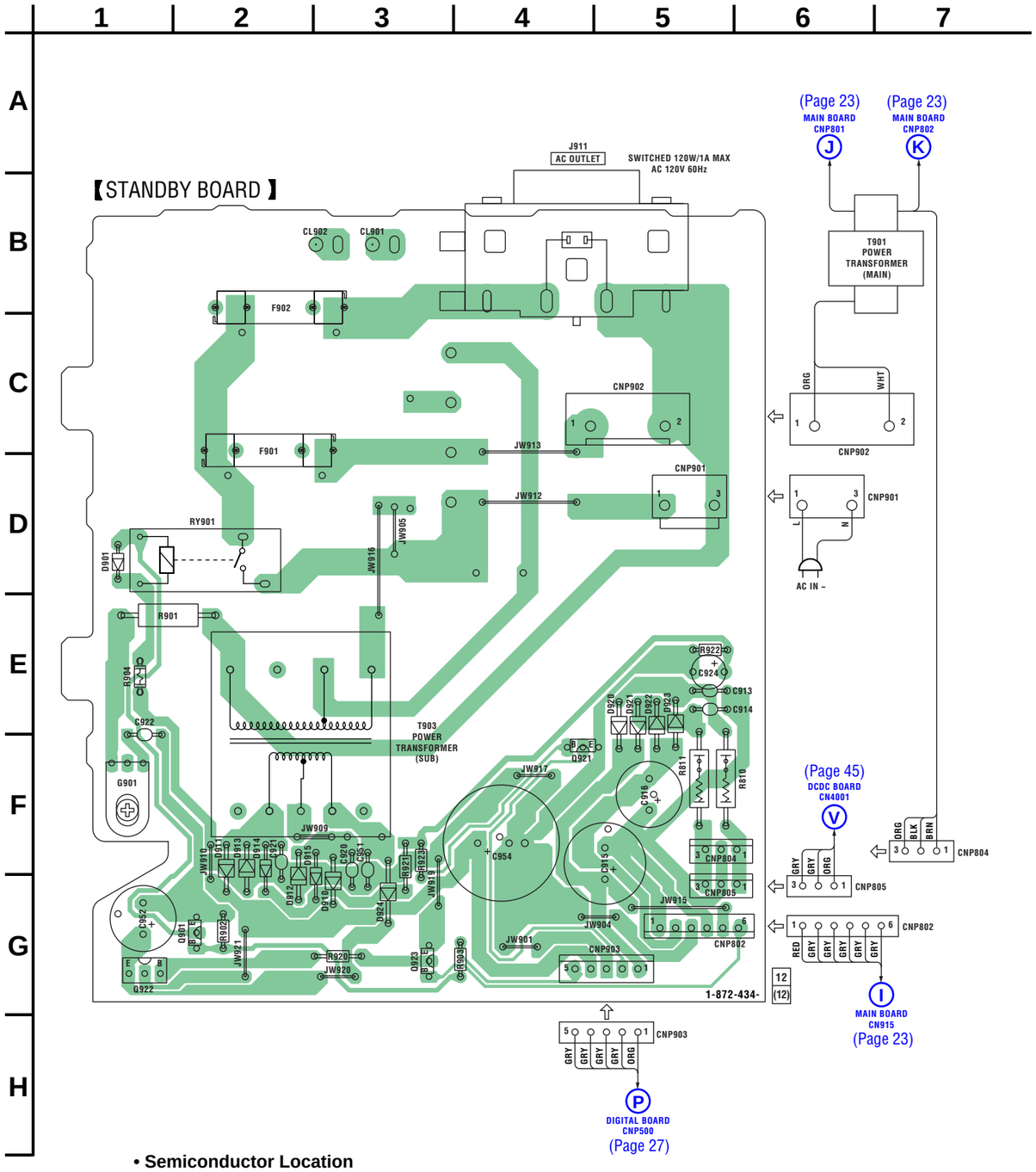


5-29. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 51 for IC Block Diagrams.



5-30. PRINTED WIRING BOARD — POWER SECTION —

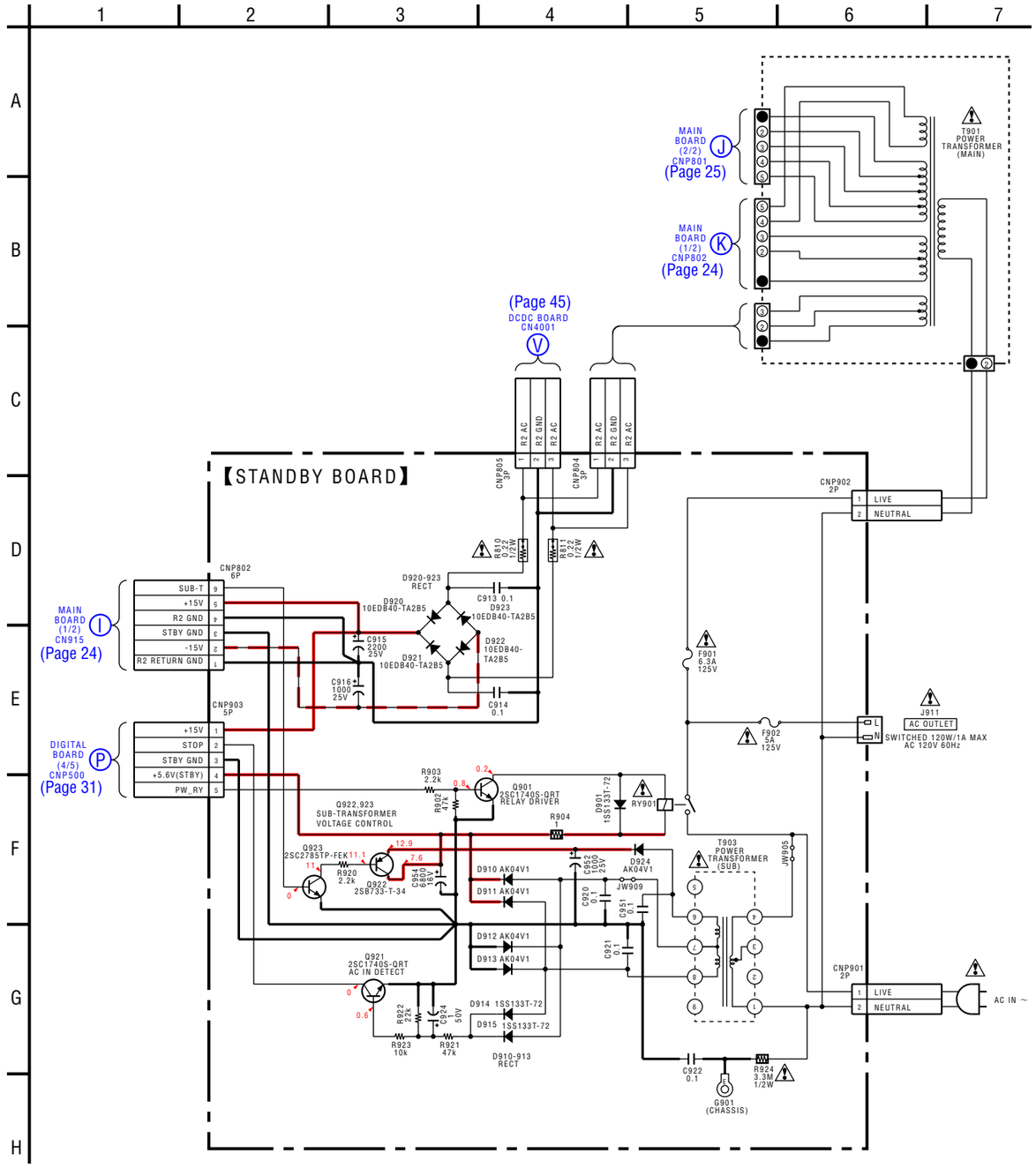
• Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



• **Semiconductor Location**

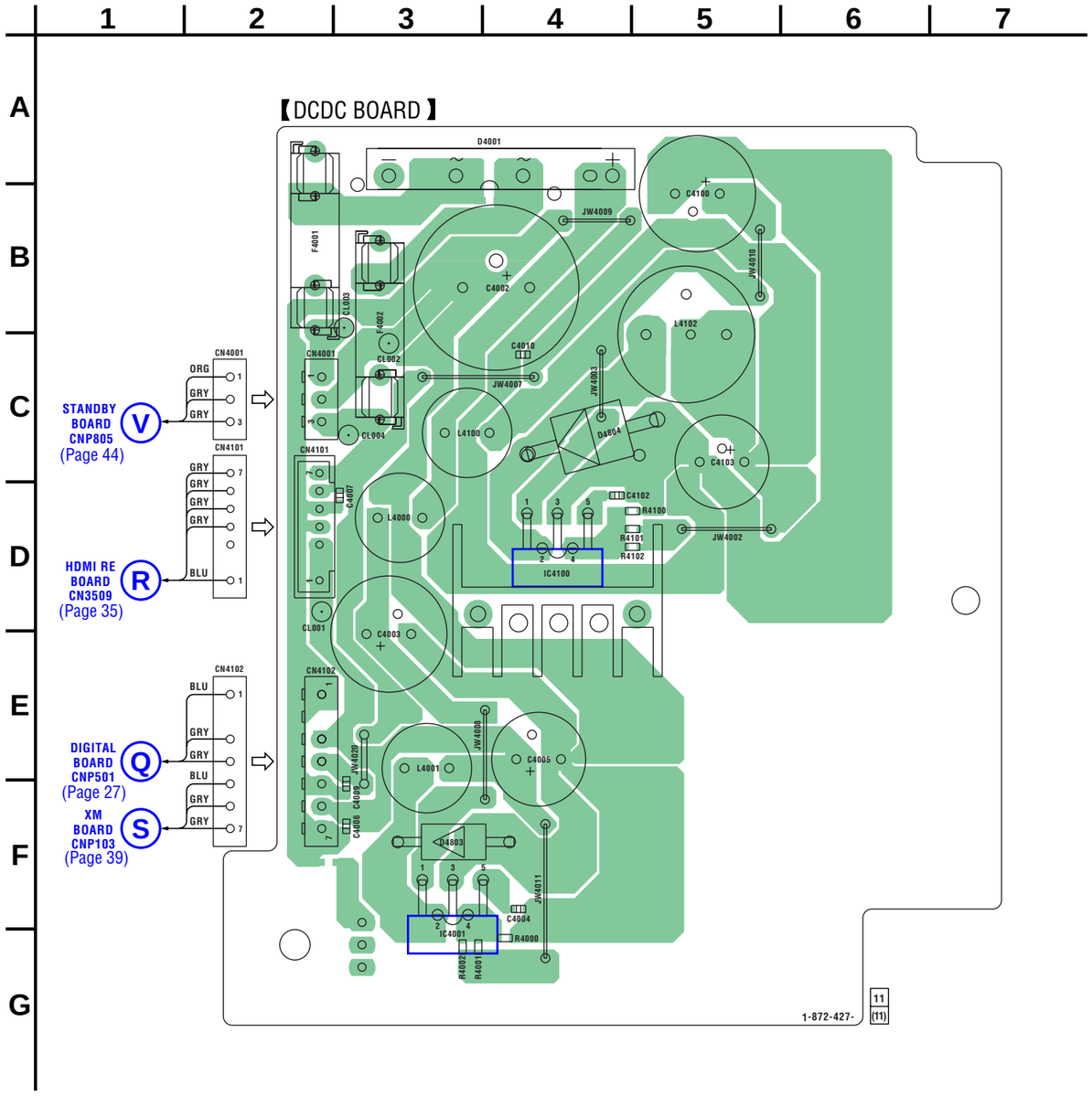
Ref. No.	Location	Ref. No.	Location
D901	D-1	D922	E-5
D910	G-3	D923	E-5
D911	F-2	D924	G-3
D912	G-2		
D913	F-2	Q901	G-2
D914	F-2	Q921	F-4
D915	G-3	Q922	G-1
D920	E-5	Q923	G-3
D921	E-5		

5-31. SCHEMATIC DIAGRAM — POWER SECTION —



5-32. PRINTED WIRING BOARD — DCDC SECTION —

• Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.

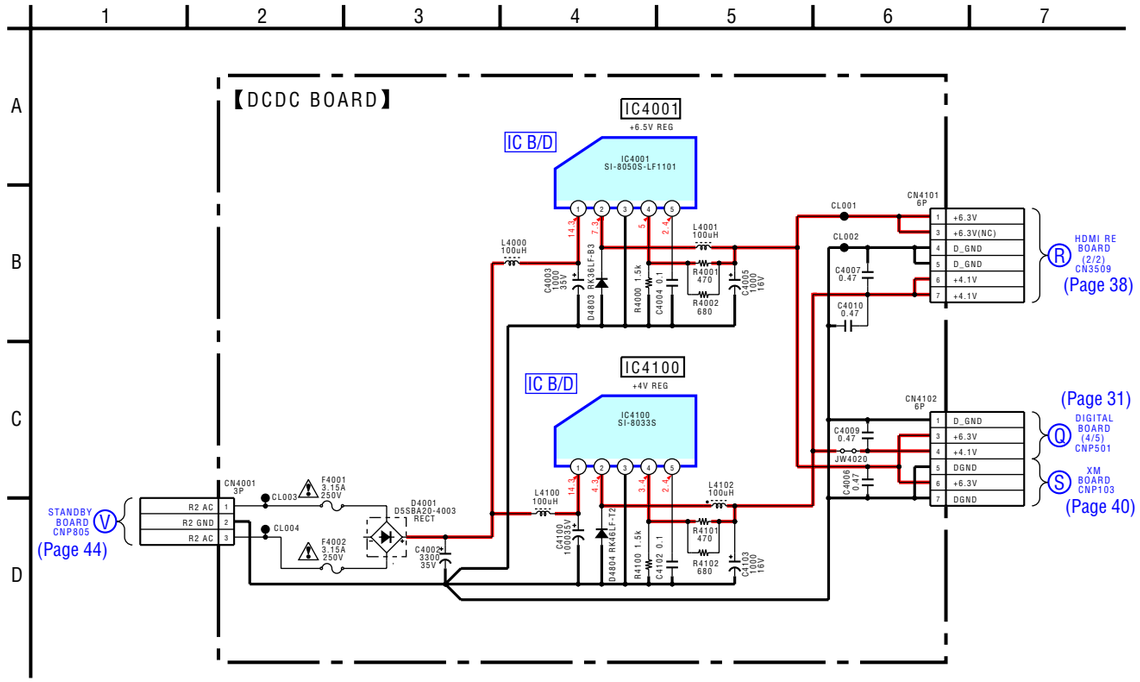


• **Semiconductor Location**

Ref. No.	Location
D4001	A-4
D4803	F-3
D4804	C-4
IC4001	G-3
IC4100	D-4

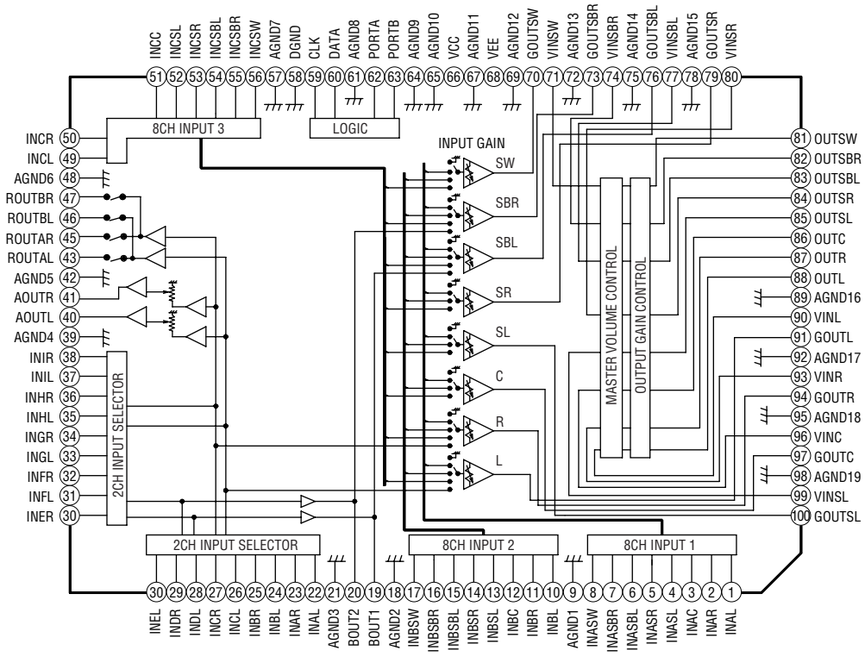
5-33. SCHEMATIC DIAGRAM — DCDC SECTION —

• Refer to page 52 for IC Block Diagrams.

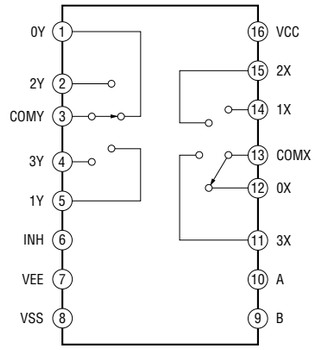


• IC Block Diagrams

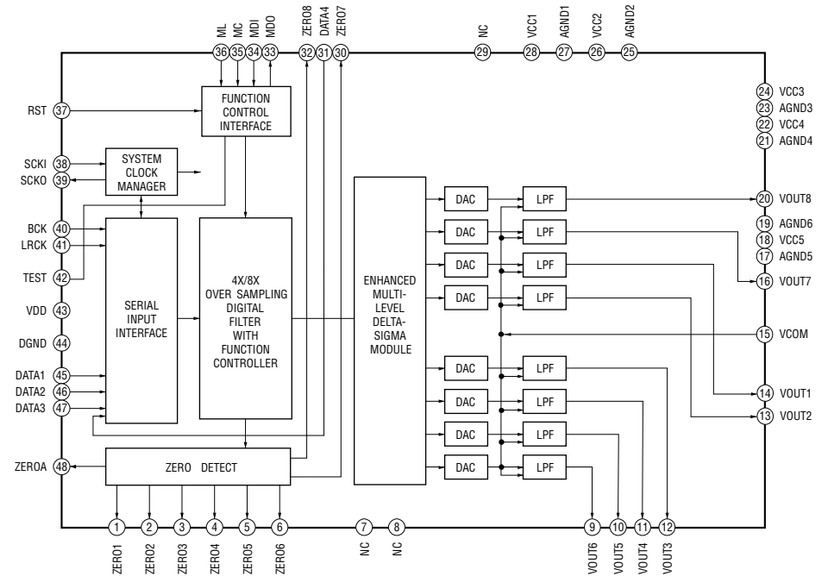
IC401 BD3451KS (MAIN BOARD (1/2))


INCC INCSL INCSR INCSBL INCSBR INCSW AGND7 DGND CLK DATA AGND8 PORTA PORTB AGND9 AGND10 VCC AGND11 VEE AGND12 GOUTSW VINSW AGND13 GOUTSBR VINSBR AGND14 GOUTSBL VINSBL AGND15 GOUTSR VINSR
8CH INPUT 3
LOGIC
INPUT GAIN
SW
SBR
SBL
SR
SL
C
R
L
MASTER VOLUME CONTROL
OUTPUT GAIN CONTROL
2CH INPUT SELECTOR
2CH INPUT SELECTOR
8CH INPUT 2
8CH INPUT 1
INCR INCL AGND6 ROUTBR ROUTBL ROUTAR ROUTAL AGND5 AOUTR AOUTL AGND4 INIR INIL INHR INHL INGR INGL INFR INFL INER
OUTSW OUTSBR OUTSBL OUTSR OUTSL OUTC OUTR OUTL AGND16 VINL GOUTL AGND17 VINR GOUTR AGND18 VINC GOUTC AGND19 VINSL GOUTSL
INEL INDR INDL INCR INCL INBR INBL INAR INAL AGND3 BOUT2 BOUT1 AGND2 INBSW INBSBR INBSBL INBSR INBSL INBC INBR INBL AGND1 INASW INASBR INASBL INASR INASL INAC INAR INAL

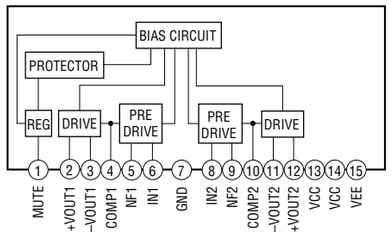
IC1015 TC4052BFT(EL, N) (DIGITAL BOARD (2/5))



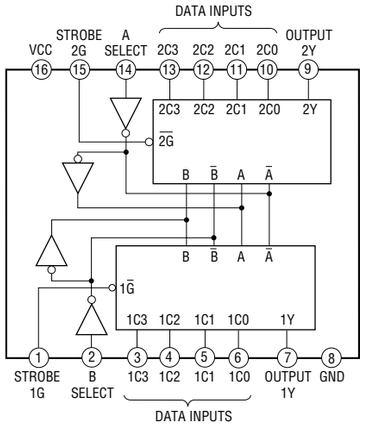
IC1452 PCM1609APT (DIGITAL BOARD (2/5))


ML MC MDI MDO ZERO8 DATA4 ZERO7 NC VCC1 AGND1 VCC2 AGND2
FUNCTION CONTROL INTERFACE
SYSTEM CLOCK MANAGER
SERIAL INPUT INTERFACE
4X/8X OVER SAMPLING DIGITAL FILTER WITH FUNCTION CONTROLLER
ENHANCED MULTI-LEVEL DELTA-SIGMA MODULE
DAC
LPF
ZERO DETECT
RST SCKI SCKO BCK LRCK TEST VDD DGND DATA1 DATA2 DATA3 ZEROA
VCC3 AGND3 VCC4 AGND4 VOUT8 AGND6 VCC5 AGND5 VOUT7 VCOM VOUT1 VOUT2
ZERO1 ZERO2 ZERO3 ZERO4 ZERO5 ZERO6 NC NC VOUT6 VOUT5 VOUT4 VOUT3

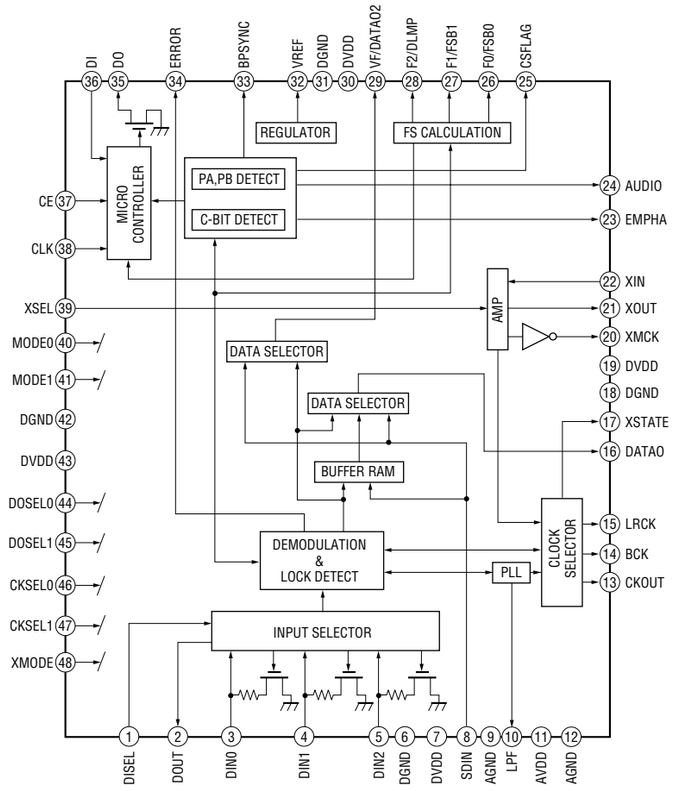
IC501 µPC2581V-S (MAIN BOARD (2/2))
IC601 µPC2581V-S (MAIN BOARD (2/2))
IC701 µPC2581V-S (MAIN BOARD (2/2))



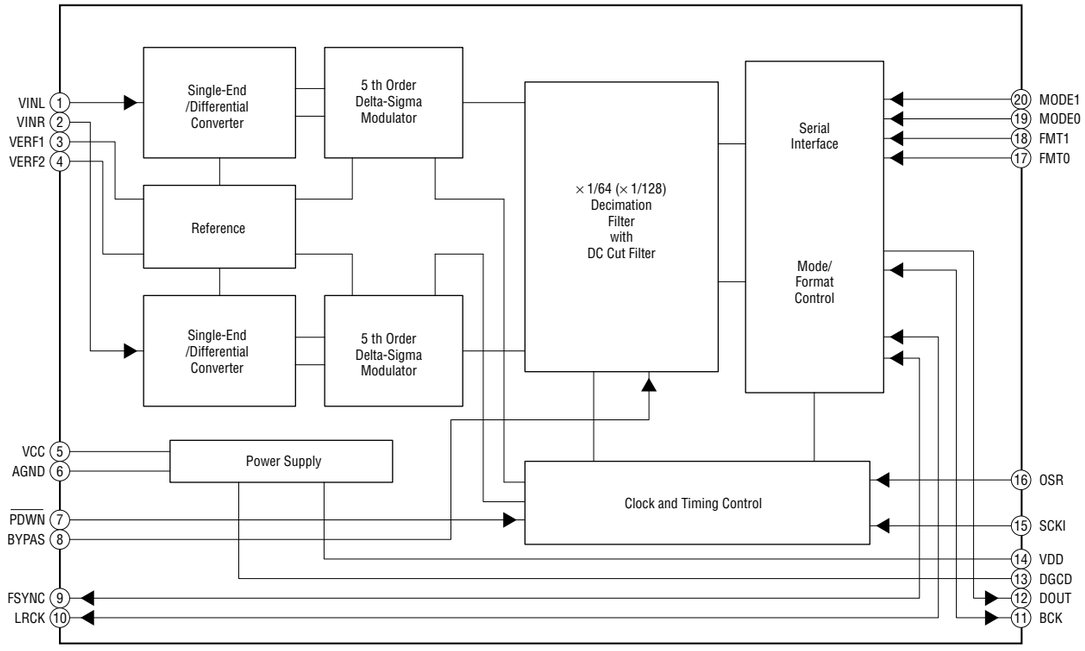
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/5))



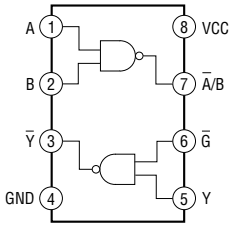
IC1301 LC890561W (DIGITAL BOARD (1/5))


DI DO ERROR BPSYNC VREF DGND DVDD VF/DATAO2 F2/DLMP F1/FSB1 F0/FSB0 CSFLAG
REGULATOR
FS CALCULATION
MICRO CONTROLLER
PA,PB DETECT
C-BIT DETECT
AMP
DATA SELECTOR
DATA SELECTOR
BUFFER RAM
DEMODULATION & LOCK DETECT
PLL
CLOCK SELECTOR
INPUT SELECTOR
CE CLK XSEL MODE0 MODE1 DGND DVDD DOSEL0 DOSEL1 CKSEL0 CKSEL1 XMODE
AUDIO EMPHA XIN XOUT XMCK DVDD DGND XSTATE DATAO LRCK BCK CKOUT
DISEL DOUT DIN0 DIN1 DIN2 DGND DVDD SDIN AGND LPF AVDD AGND

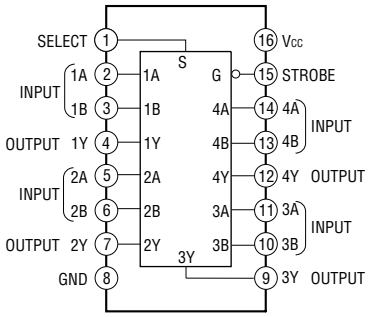
IC1603 PCM1803DBR (DIGITAL BOARD (2/5))



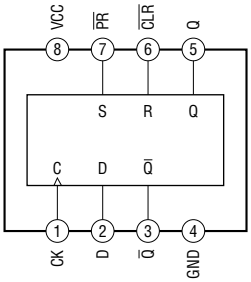
IC1003 TC7WH157FK(TE85R) (DIGITAL BOARD (3/5))
IC1017 TC7WH157FK(TE85R) (DIGITAL BOARD (3/5))



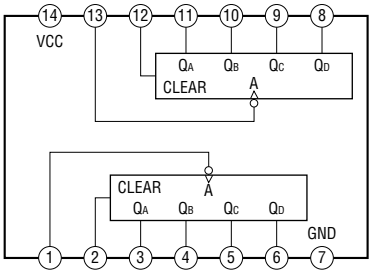
IC1008 TC74VHC157FT(EL) (DIGITAL BOARD (3/5))



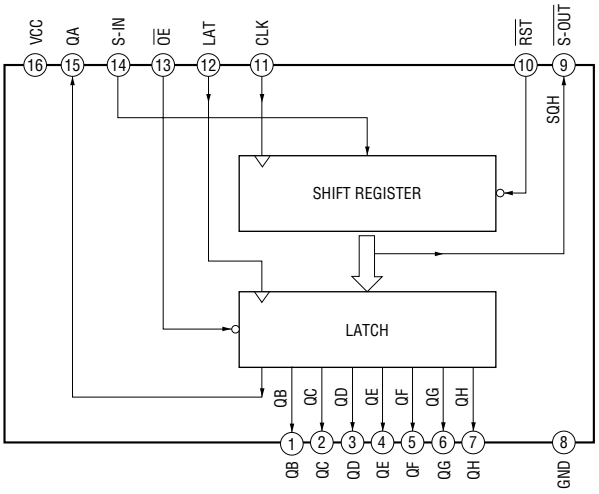
IC1014 TC7WH74FU(TE12R) (DIGITAL BOARD (3/5))



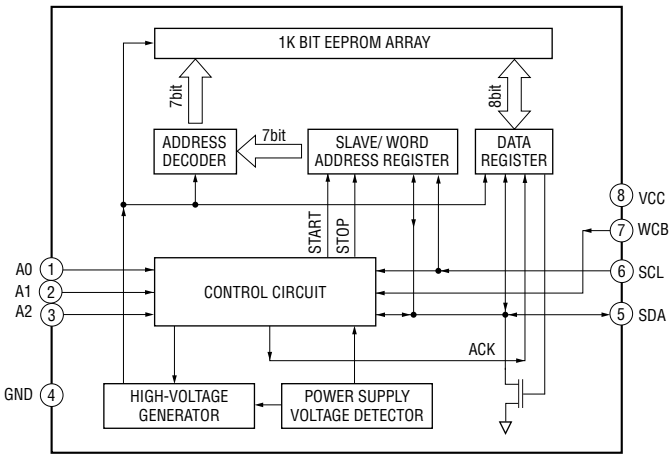
IC1016 TC74VHC393FT(EL) (DIGITAL BOARD (3/5))



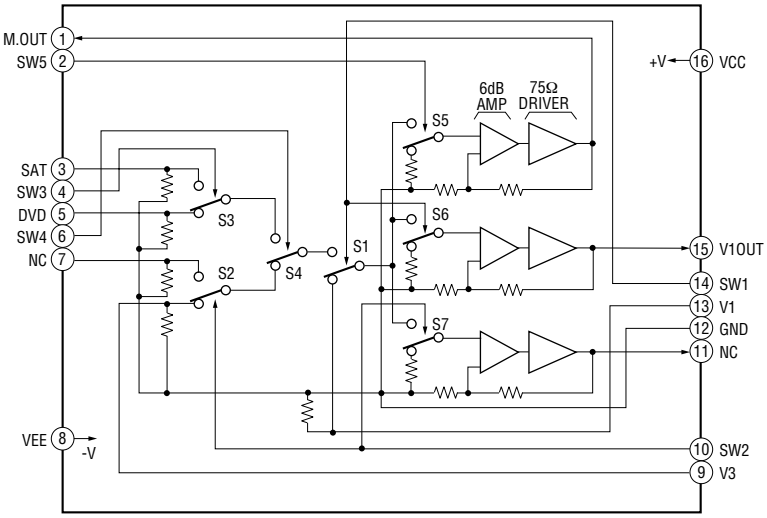
IC1602 TC74VHC595FT(EL) (DIGITAL BOARD (4/5))



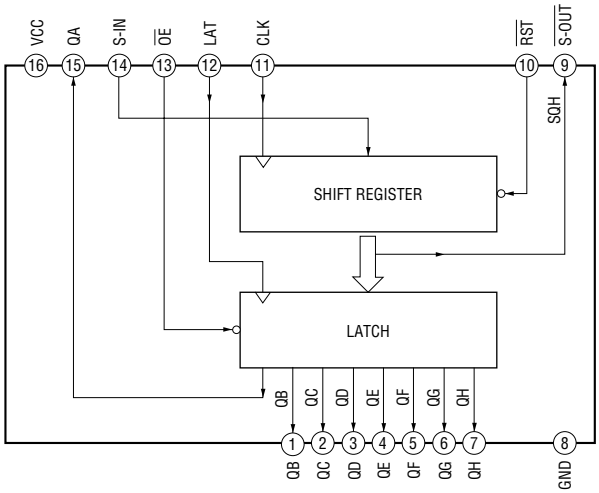
IC1131 BR24L32F-WE2 (DIGITAL BOARD (5/5))



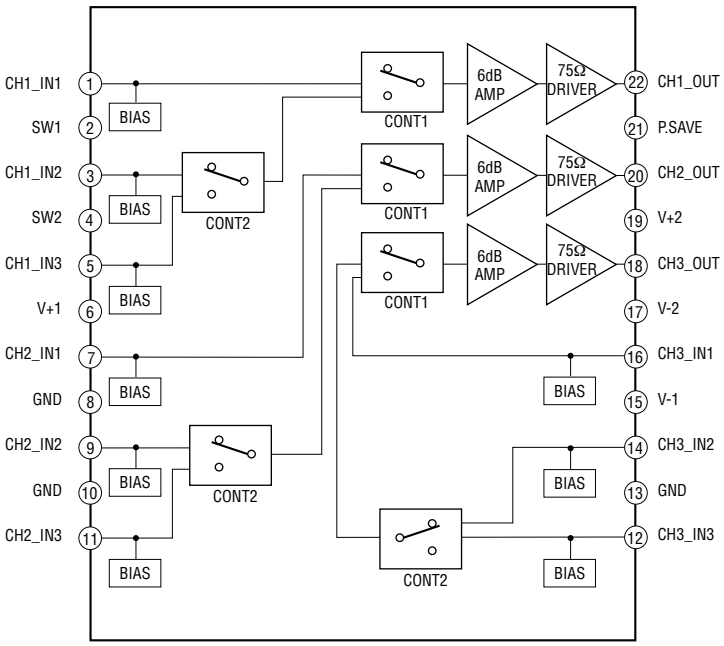
IC203 NJM2595D (VIDEO BOARD)



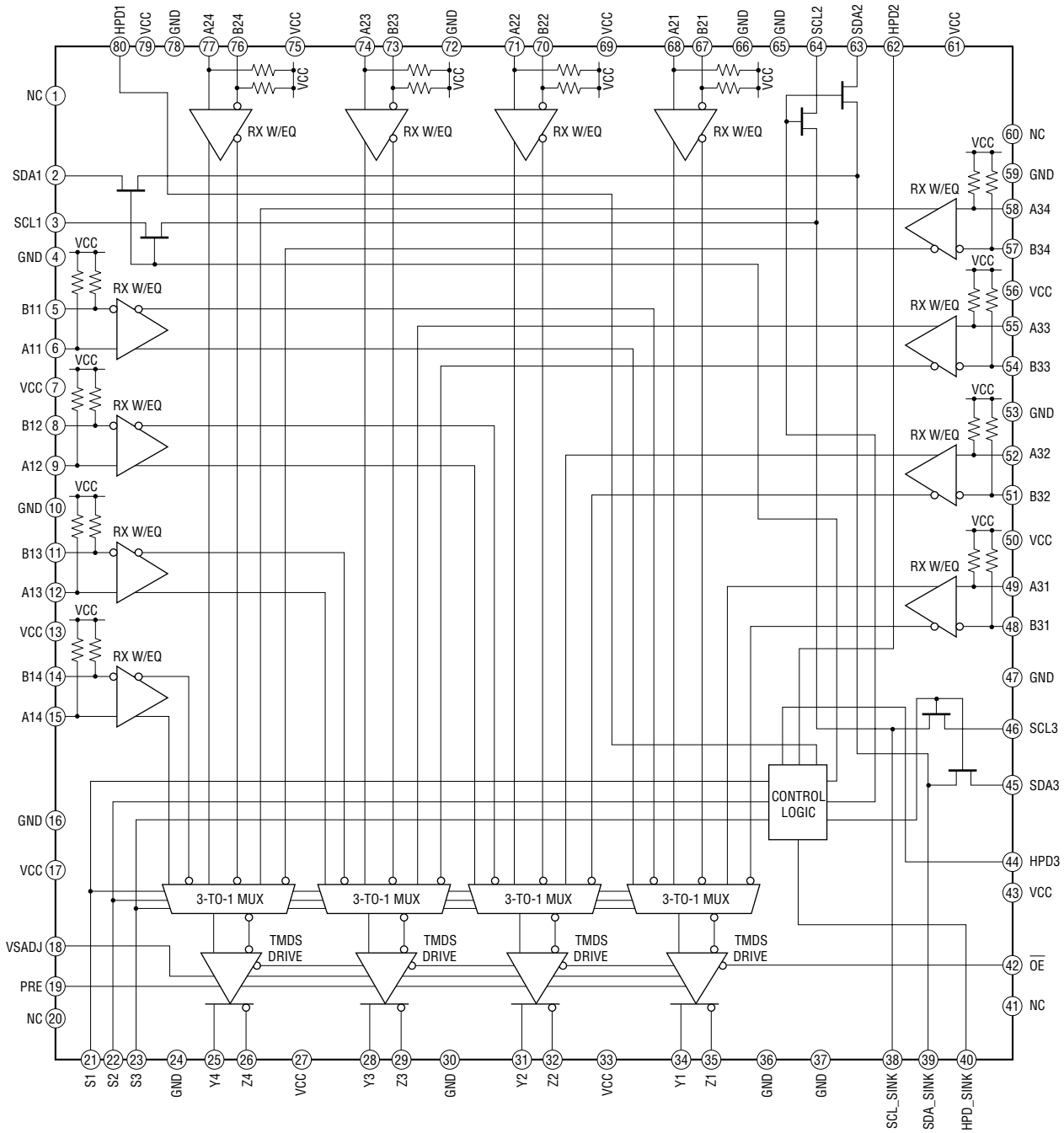
IC230 SN74HC595ANSR (VIDEO BOARD)



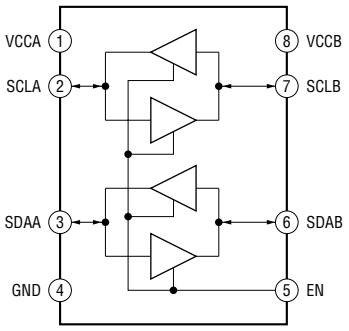
IC304 NJM2586AL (VIDEO BOARD)



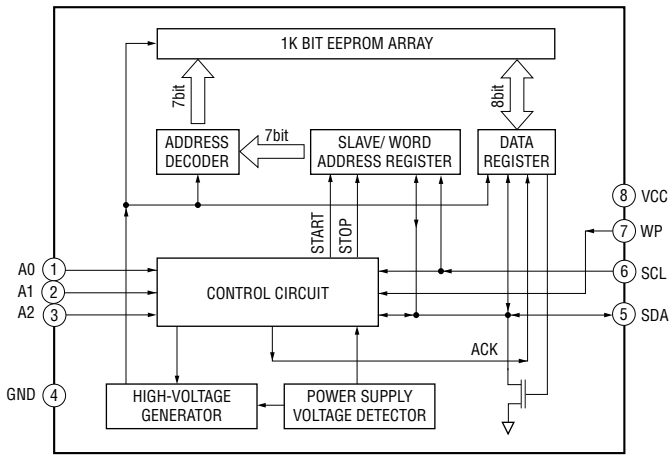
IC3503 TMDS341APFCR (HDMI RE BOARD (1/2))



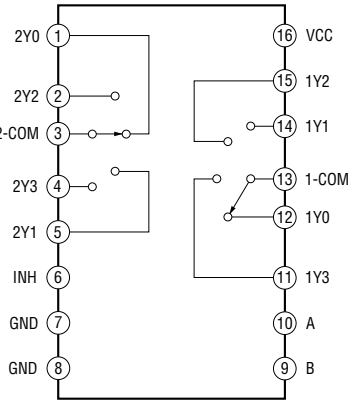
IC3507 PCA9517DP.118 (HDMI RE BOARD (1/2))



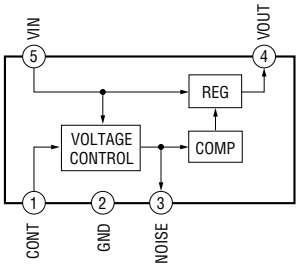
IC3509 BR24L02F-WE2 (HDMI RE BOARD (1/2))



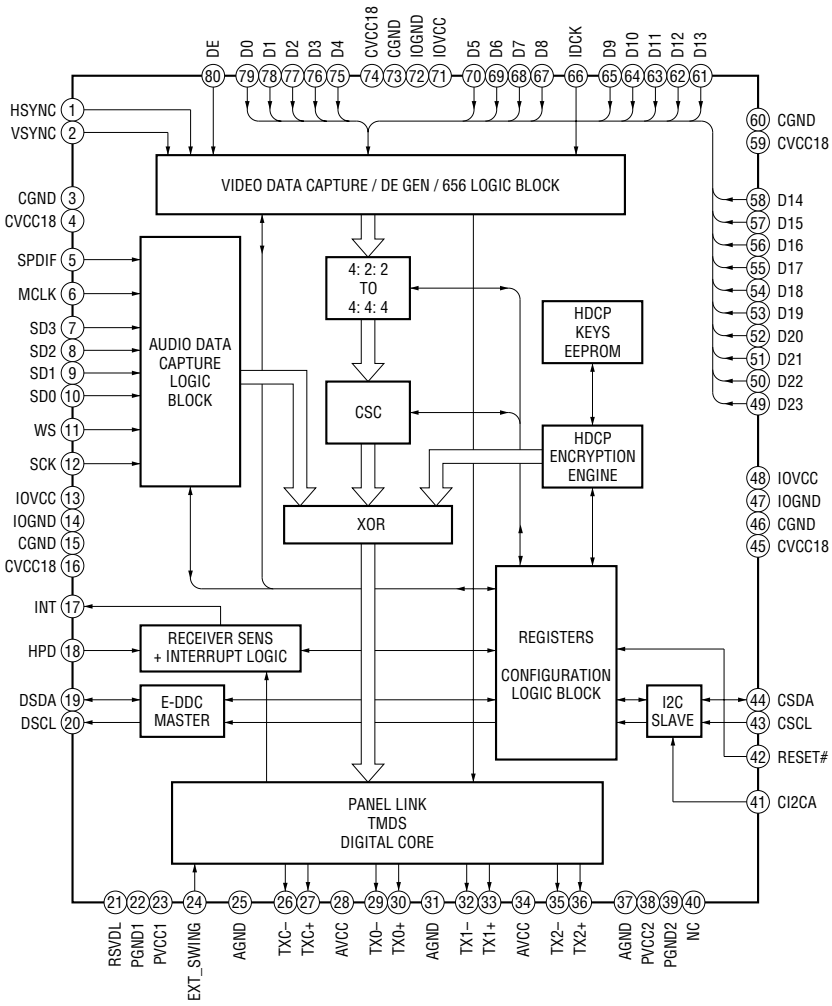
IC3521 SN74LV4052APWR (HDMI RE BOARD (1/2))
IC3504 SN74LV4052APWR (HDMI RE BOARD (2/2))



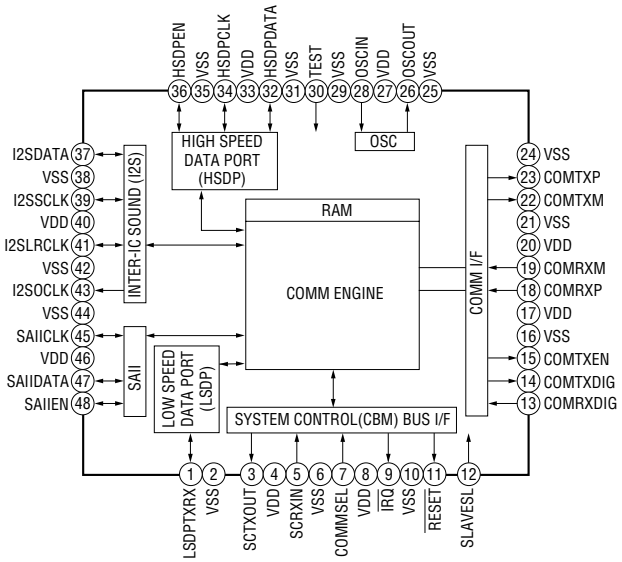
IC3516 TK11150CSCL-G (HDMI RE BOARD (2/2))



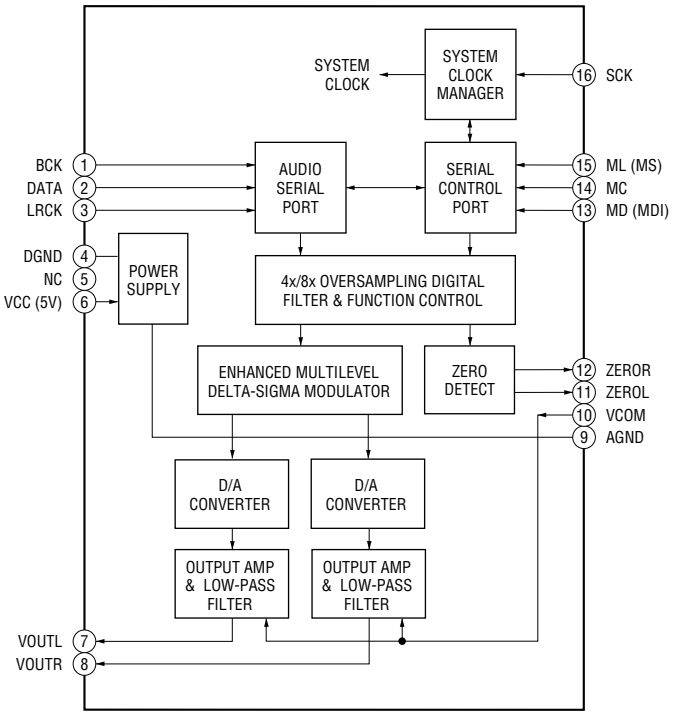
IC3513 SII9030CTU-7 (HDMI RE BOARD (2/2))



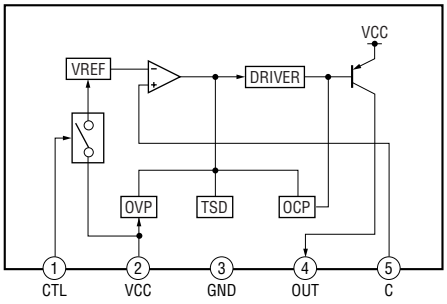
IC102 F2602E-01-TR (XM BOARD)



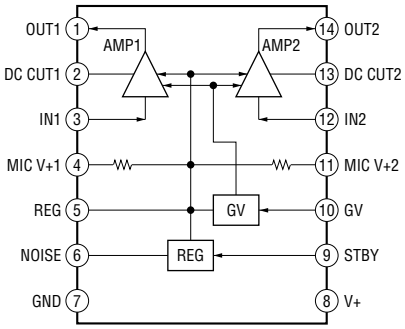
IC105 PCM1753DBQR (XM BOARD)



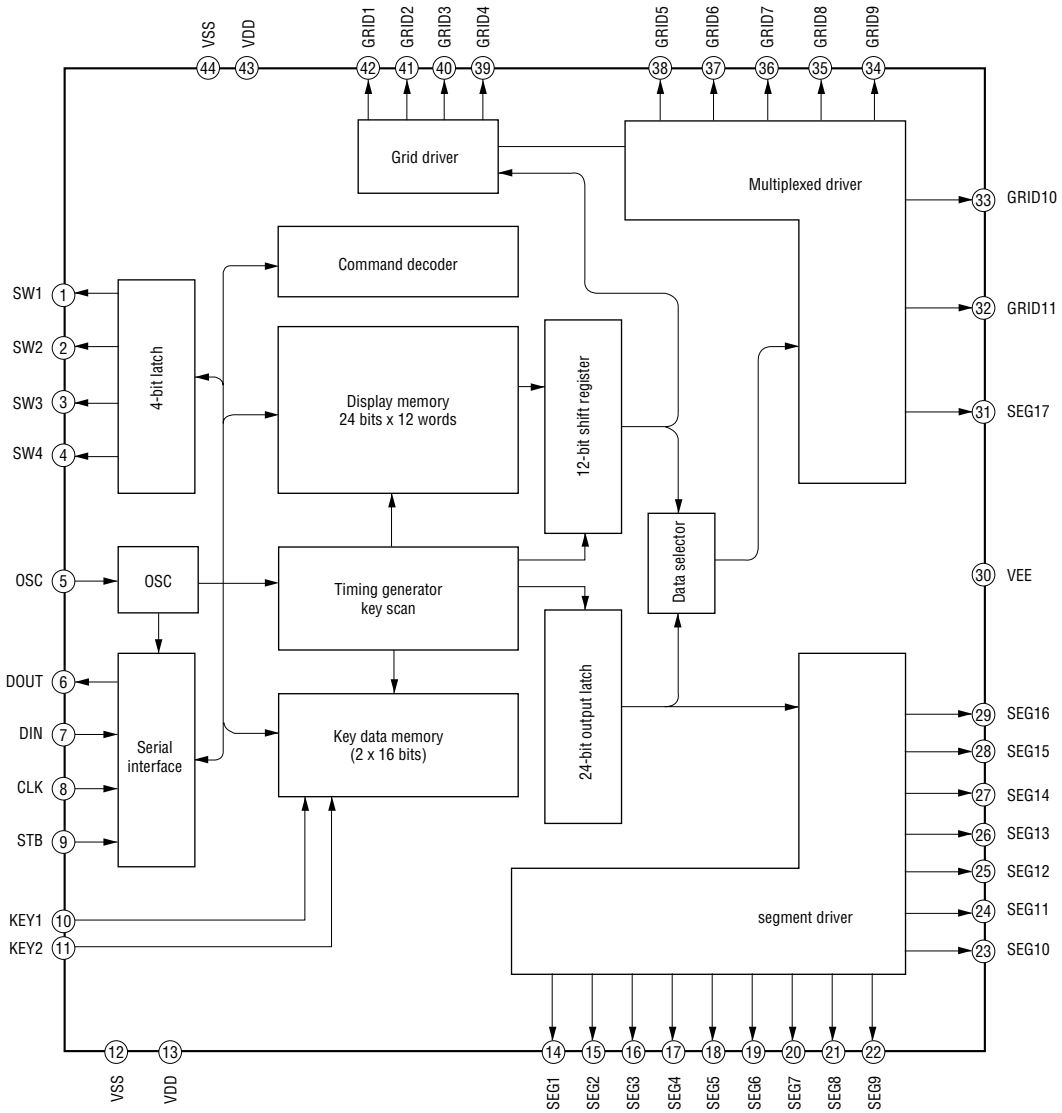
IC106 BA00CC0WT(-V5) (XM BOARD)



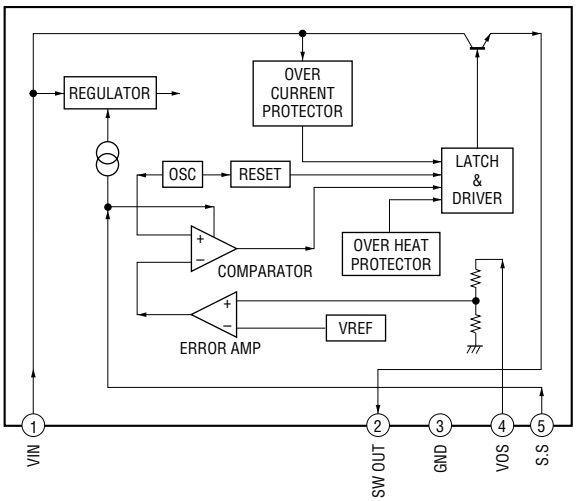
IC2501 NJM2173AV(TE2) (DCAC SILVER BOARD)



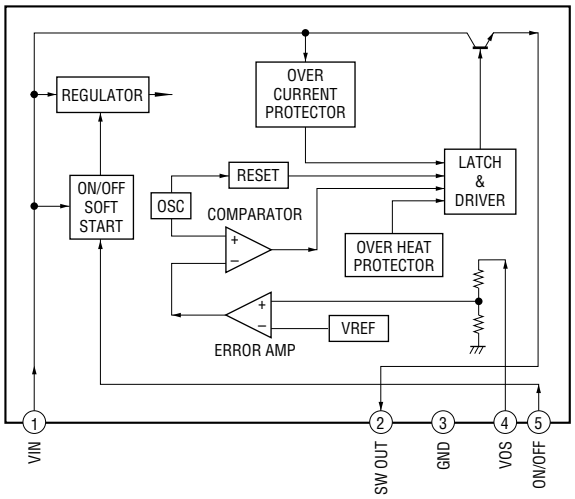
IC100 PT6315 (DISPLAY BOARD)



IC4001 SI-8050S-LF1101 (DCDC BOARD)



IC4100 SI-8033S (DCDC BOARD)



• IC Pin Descriptions

IC1009 ADSP21266SKSTZ-2C (DSP EX3) (DIGITAL BOARD (3/5))

Pin No.	Pin Name	I/O	Pin Description
1	VDDINT	—	Power supply terminal (+1.2 V)
2	CLKCFG0	I	Clock frequency setting signal input 0
3	CLKCFG1	I	Clock frequency setting signal input 1
4	BOOTCFG0	I	Boot mode setting signal input 0 from DSP.
5	BOOTCFG1	I	Boot mode setting signal input 1 from DSP.
6	GND	—	Ground
7	VDDEXT	—	Power supply terminal (+3.3 V)
8	GND	—	Ground
9	VDDINT	—	Power supply terminal (+1.2 V)
10	GND	—	Ground
11	VDDINT	—	Power supply terminal (+1.2 V)
12	GND	—	Ground
13	VDDINT	—	Power supply terminal (+1.2 V)
14	GND	—	Ground
15	INT_REQ	O	Interrupt status output for main system controller.
16	DIR_ERR	O	PLL lock error signal and data error flag output for main system controller.
17	AD7	I/O	Two-way data bus and address signal output 7 with S-RAM.
18	GND	—	Ground
19	VDDINT	—	Power supply terminal (+1.2 V)
20	GND	—	Ground
21	VDDEXT	—	Power supply terminal (+3.3 V)
22	GND	—	Ground
23	VDDINT	—	Power supply terminal (+1.2 V)
24 to 26	AD6 to AD4	I/O	Two-way data bus and address signal output 6 to 4 with S-RAM.
27	VDDINT	—	Power supply terminal (+1.2 V)
28	GND	—	Ground
29, 30	AD3, AD2	I/O	Two-way data bus and address signal output 3, 2 with S-RAM.
31	VDDEXT	—	Power supply terminal (+3.3 V)
32	GND	—	Ground
33, 34	AD1, AD0	I/O	Two-way data bus and address signal output 1, 0 with S-RAM.
35	XWR	O	Data write enable signal output for S-RAM. (L: active)
36, 37	VDDINT	—	Power supply terminal (+1.2 V)
38	GND	—	Ground
39	XRD	O	Read strobe signal output for S-RAM. (L: active)
40	ALE	O	Address latch enable signal output
41 to 43	AD15 to AD13	I/O	Two-way data bus and address signal output 15 to 13 with S-RAM.
44	GND	—	Ground
45	VDDEXT	—	Power supply terminal (+3.3 V)
46	AD12	I/O	Two-way data bus and address signal output 12 with S-RAM.
47	VDDINT	—	Power supply terminal (+1.2 V)
48	GND	—	Ground
49 to 52	AD11 to AD8	I/O	Two-way data bus and address signal output 11 to 8 with S-RAM.
53	A16	O	Address signal output 16 for S-RAM.
54	VDDINT	—	Power supply terminal (+1.2 V)
55	GND	—	Ground
56, 57	A17, A18	O	Address signal output 17, 18 for S-RAM.
58	GND	—	Ground
59	VDDEXT	—	Power supply terminal (+3.3 V)
60	VDDINT	—	Power supply terminal (+1.2 V)
61	GND	—	Ground
62	PF_CE	I/O	Chip enable signal input/output (Not used in this set)

Pin No.	Pin Name	I/O	Pin Description
63	SPI_MAS	O	Master/slave select signal output (L: DSP is master)
64	DPSOA	O	PCM audio signal (front L/R) output
65	DPSOB	O	PCM audio signal (surround L/R) output
66	VDDINT	—	Power supply terminal (+1.2 V)
67	GND	—	Ground
68	VDDINT	—	Power supply terminal (+1.2 V)
69	GND	—	Ground
70	DPSOC	O	PCM audio signal (center, sub woofer) output
71	DPSOD	O	PCM audio signal (surround back L/R) output
72	VDDINT	—	Power supply terminal (+1.2 V)
73	VDDEXT	—	Power supply terminal (+3.3 V)
74	GND	—	Ground
75	VDDINT	—	Power supply terminal (+1.2 V)
76	GND	—	Ground
77	DPSOE	O	PCM audio signal output (Not used in this set)
78	DPSIA	I	PCM audio signal (digital input) input
79	DPSIB	I	PCM audio signal (front L/R) input
80	DPSIC	I	PCM audio signal (surround L/R) input
81	DPSID	I	PCM audio signal (center, sub woofer) input
82	DPSIE	I	PCM audio signal (surround back L/R) input
83	VDDINT	—	Power supply terminal (+1.2 V)
84, 85	GND	—	Ground
86	DPDVLRCK	O	L/R sampling clock signal (44.1 kHz) output for PCM audio output.
87	DPDVBCK	O	Bit clock signal (2.8224 MHz) output for PCM audio output.
88	DPLRCK	I	L/R sampling clock signal (44.1 kHz) input from PCM audio input.
89	DPBCK	I	Bit clock signal (2.8224 MHz) input from PCM audio input.
90	VDDINT	—	Power supply terminal (+1.2 V)
91, 92	GND	—	Ground
93	VDDEXT	—	Power supply terminal (+3.3 V)
94	DPFSCK	I	Master clock signal input
95	GND	—	Ground
96	VDDINT	—	Power supply terminal (+1.2 V)
97	XNONAUDIO	I	Digital input signal select control signal input
98	XSF_CE	O	Chip enable signal output for flash memory.
99	VDDINT	—	Power supply terminal (+1.2 V)
100	GND	—	Ground
101	VDDINT	—	Power supply terminal (+1.2 V)
102	GND	—	Ground
103	VDDINT	—	Power supply terminal (+1.2 V)
104	GND	—	Ground
105	VDDINT	—	Power supply terminal (+1.2 V)
106	GND	—	Ground
107, 108	VDDINT	—	Power supply terminal (+1.2 V)
109	GND	—	Ground
110	VDDINT	—	Power supply terminal (+1.2 V)
111	GND	—	Ground
112	VDDINT	—	Power supply terminal (+1.2 V)
113	GND	—	Ground
114	VDDINT	—	Power supply terminal (+1.2 V)
115	GND	—	Ground
116	VDDEXT	—	Power supply terminal (+3.3 V)
117	GND	—	Ground
118	VDDINT	—	Power supply terminal (+1.2 V)

Pin No.	Pin Name	I/O	Pin Description
119	GND	—	Ground
120	VDDINT	—	Power supply terminal (+1.2 V)
121	XRESET	I	System reset signal input from main system controller.
122	XSPIDS	I	Serial data latch pulse signal input from main system controller.
123	GND	—	Ground
124	VDDINT	—	Power supply terminal (+1.2 V)
125	SPICLK	I/O	Serial data transfer clock signal input/output with flash memory.
126	MISO	I/O	When DSP is master: Serial data input from flash memory. When DSP is slave: Serial data output for main system controller.
127	MOSI	I/O	When DSP is master: Serial data output for flash memory. When DSP is slave: Serial data input from main system controller.
128	GND	—	Ground
129	VDDINT	—	Power supply terminal (+1.2 V)
130	VDDEXT	—	Power supply terminal (+3.3 V)
131	AVDD	—	Power supply terminal (+3.3 V)
132	AVSS	—	Ground
133	GND	—	Ground
134	CLKOUT	—	Not used. (Open)
135	XEMU	—	Not used. (Open)
136	TDO	—	Not used. (Open)
137	TDI	—	Not used. (Open)
138	CTRST	—	Not used. (Open)
139	TCK	—	Not used. (Open)
140	TMS	—	Not used. (Open)
141	GND	—	Ground
142	CLKIN	I	System clock input (25 MHz)
143	XTAL	O	System clock output (25 MHz)
144	VDDEXT	—	Power supply terminal (+3.3 V)

IC3511 SII9011CLU (HDMI RX) (HDMI RE BOARD (1/2))

Pin No.	Pin Name	I/O	Pin Description
1	VSYNC	O	Vertical synchronize signal output for HDMI TX.
2 to 5	QO23 to QO20	—	Not used. (Open)
6	IOGND	—	Ground
7	IOVCC	—	Power supply terminal (+3.3 V)
8 to 11	QO19 to QO16	—	Not used. (Open)
12	CVCC18	—	Power supply terminal (+1.8 V)
13	CGND	—	Ground
14 to 17	QO15 to QO12	—	Not used. (Open)
18	IOGND	—	Ground
19	IOVCC	—	Power supply terminal (+3.3 V)
20 to 23	QO11 to QO8	—	Not used. (Open)
24	CVCC18	—	Power supply terminal (+1.8 V)
25	CGND	—	Ground
26 to 29	QO7 to QO4	—	Not used. (Open)
30	IOGND	—	Ground
31	IOVCC	—	Power supply terminal (+3.3 V)
32 to 35	QO3 to QO0	—	Not used. (Open)
36	CVCC18	—	Power supply terminal (+1.8 V)
37	CGND	—	Ground
38	CI2CA	—	Not used. (Fixed at L)
39	CSDA	I/O	I2C two-way data bus with HDMI section.
40	CSCL	I	I2C clock signal input from HDMI controller.
41	DSDA	I/O	I2C two-way data bus with HDMI input select.
42	DSDL	I	I2C clock signal input from HDMI input select.
43	NC	—	Not used. (Open)
44	PWR5V	I	HDMI DVD IN, VIDEO 2/BD IN, OUT connector detect signal input
45	CVCC18	—	Power supply terminal (+1.8 V)
46	PGND	—	Ground
47	PVCC	—	Power supply terminal (+3.3 V)
48	RSVD	—	Not used. (Open)
49	AVCC	—	Power supply terminal (+3.3 V)
50	RXC–	I	TMDS clock signal input from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
51	RXC+	I	TMDS clock signal input from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
52	AGND	—	Ground
53	AVCC	—	Power supply terminal (+3.3 V)
54	RX0–	I	TMDS data input 0 from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
55	RX0+	I	TMDS data input 0 from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
56	AGND	—	Ground
57	AVCC	—	Power supply terminal (+3.3 V)
58	RX1–	I	TMDS data input 1 from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
59	RX1+	I	TMDS data input 1 from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
60	AGND	—	Ground
61	AVCC	—	Power supply terminal (+3.3 V)
62	RX2–	I	TMDS data input 2 from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
63	RX2+	I	TMDS data input 2 from HDMI DVD IN, VIDEO 2/BD IN, OUT connector.
64	AGND	—	Ground
65	DGND	—	Ground
66	DVCC18	—	Power supply terminal (+1.8 V)
67	MUTE	O	Audio muting signal output
68	IOVCC	—	Power supply terminal (+3.3 V)
69	IOGND	—	Ground
70	SPDIF	O	SPDIF signal output for digital audio interface and HDMI TX.

Pin No.	Pin Name	I/O	Pin Description
71 to 74	SD3 to SD0	O	Serial data output for DSP and HDMI TX.
75	WS	O	Word select signal output for DSP and HDMI TX.
76	SCK	O	Serial clock signal output for DSP and HDMI TX.
77	IOVCC	—	Power supply terminal (+3.3 V)
78	IOGND	—	Ground
79	MCLK	O	Audio master clock signal output for DSP and HDMI TX.
80	CGND	—	Ground
81	CVCC18	—	Power supply terminal (+1.8 V)
82	AUDPVCC18	—	Power supply terminal (+1.8 V)
83	AUDPGND	—	Ground
84	XTALOUT	O	System clock output (28.322 MHz)
85	XTALIN	I	System clock input (28.322 MHz)
86	XTALVCC	—	Power supply terminal (+3.3 V)
87	REGVCC	—	Power supply terminal (+3.3 V)
88	RSVDL	—	Not used. (Fixed at L)
89	RESET	I	Reset signal input from HDMI controller. (L: Reset)
90	SCDT	—	Not used. (Open)
91	INT	O	Interrupt signal output for HDMI controller.
92 to 96	QE23 to QE19	O	Serial data output 23 to 19 for HDMI TX, video processor and D/A converter.
97	IOGND	—	Ground
98	IOVCC	—	Power supply terminal (+3.3 V)
99 to 105	QE18 to QE12	O	Serial data output 18 to 12 for HDMI TX, video processor and D/A converter.
106	IOGND	—	Ground
107	IOVCC	—	Power supply terminal (+3.3 V)
108 to 111	QE11 to QE8	O	Serial data output 11 to 8 for HDMI TX, video processor and D/A converter.
112	CVCC18	—	Power supply terminal (+1.8 V)
113	CGND	—	Ground
114 to 117	QE7 to QE4	O	Serial data output 7 to 4 for HDMI TX, video processor and D/A converter.
118	IOGND	—	Ground
119	ODCK	O	Output data clock signal output for HDMI TX.
120	IOVCC	—	Power supply terminal (+3.3 V)
121 to 124	QE3 to QE0	O	Serial data output 3 to 0 for HDMI TX, video processor and D/A converter.
125	CVCC18	—	Power supply terminal (+1.8 V)
126	CGND	—	Ground
127	DE	O	Data enable signal output for HDMI TX.
128	HSYNC	O	Horizontal synchronize signal output for HDMI TX.

IC3513 SII9030CTU-7 (HDMI TX) (HDMI RE BOARD (2/2))

Pin No.	Pin Name	I/O	Pin Description
1	HSYNC	I	Horizontal synchronize signal input from HDMI RX.
2	VSYNC	I	Vertical synchronize signal input from HDMI RX.
3	CGND	—	Ground
4	CVCC18	—	Power supply terminal (+1.8 V)
5	SPDIF	I	SPDIF signal input from HDMI RX.
6	MCLK	I	Audio master clock signal input from HDMI RX.
7 to 10	SD3 to SD0	I	Serial data input from HDMI RX.
11	WS	I	Word select signal input from HDMI RX.
12	SCK	I	Serial clock signal input from HDMI RX.
13	IOVCC	—	Power supply terminal (+3.3 V)
14	IOGND	—	Ground
15	CGND	—	Ground
16	CVCC18	—	Power supply terminal (+1.8 V)
17	INT	O	Interrupt signal output for HDMI controller.
18	HPD	I	Hot plug detect signal input from HDMI OUT connector.
19	DSDA	I/O	I2C two-way data bus with HDMI OUT connector.
20	DSCL	O	I2C clock signal output for HDMI OUT connector.
21	RSVDL	—	Not used. (Fixed at L)
22	PGND1	—	Ground
23	PVCC1	—	Power supply terminal (+3.3 V)
24	EXT_SWING	—	Not used. (Fixed at H)
25	AGND	—	Ground
26	TXC–	O	TMDS clock signal output for HDMI OUT connector.
27	TXC+	O	TMDS clock signal output for HDMI OUT connector.
28	AVCC	—	Power supply terminal (+3.3 V)
29	TX0–	O	TMDS data output 0 for HDMI OUT connector.
30	TX0+	O	TMDS data output 0 for HDMI OUT connector.
31	AGND	—	Ground
32	TX1–	O	TMDS data output 1 for HDMI OUT connector.
33	TX1+	O	TMDS data output 1 for HDMI OUT connector.
34	AVCC	—	Power supply terminal (+3.3 V)
35	TX1–	O	TMDS data output 2 for HDMI OUT connector.
36	TX1+	O	TMDS data output 2 for HDMI OUT connector.
37	AGND	—	Ground
38	PVCC2	—	Power supply terminal (+3.3 V)
39	PGND2	—	Ground
40	NC	—	Not used. (Open)
41	CI2CA	—	Not used. (Fixed at L)
42	RESET	I	Reset signal input from HDMI controller. (L: Reset)
43	CSCL	I	I2C clock signal input from HDMI controller.
44	CSDA	I/O	I2C two-way data bus with HDMI section.
45	CVCC18	—	Power supply terminal (+1.8 V)
46	CGND	—	Ground
47	IOGND	—	Ground
48	IOVCC	—	Power supply terminal (+3.3 V)
49 to 58	D23 to D14	I	Serial data input 23 to 14 from HDMI RX and video processor.
59	CVCC18	—	Power supply terminal (+1.8 V)
60	CGND	—	Ground
61 to 65	D13 to D9	I	Serial data input 13 to 9 from HDMI RX and video processor.
66	IDCK	I	Output data clock signal input from HDMI RX.
67 to 70	D8 to D5	I	Serial data input 8 to 5 from HDMI RX and video processor.
71	IOVCC	—	Power supply terminal (+3.3 V)

Pin No.	Pin Name	I/O	Pin Description
72	IOGND	—	Ground
73	CGND	—	Ground
74	CVCC18	—	Power supply terminal (+1.8 V)
75 to 79	D4 to D0	I	Serial data input 4 to 0 from HDMI RX and video processor.
80	DE	I	Data enable signal input from HDMI RX.

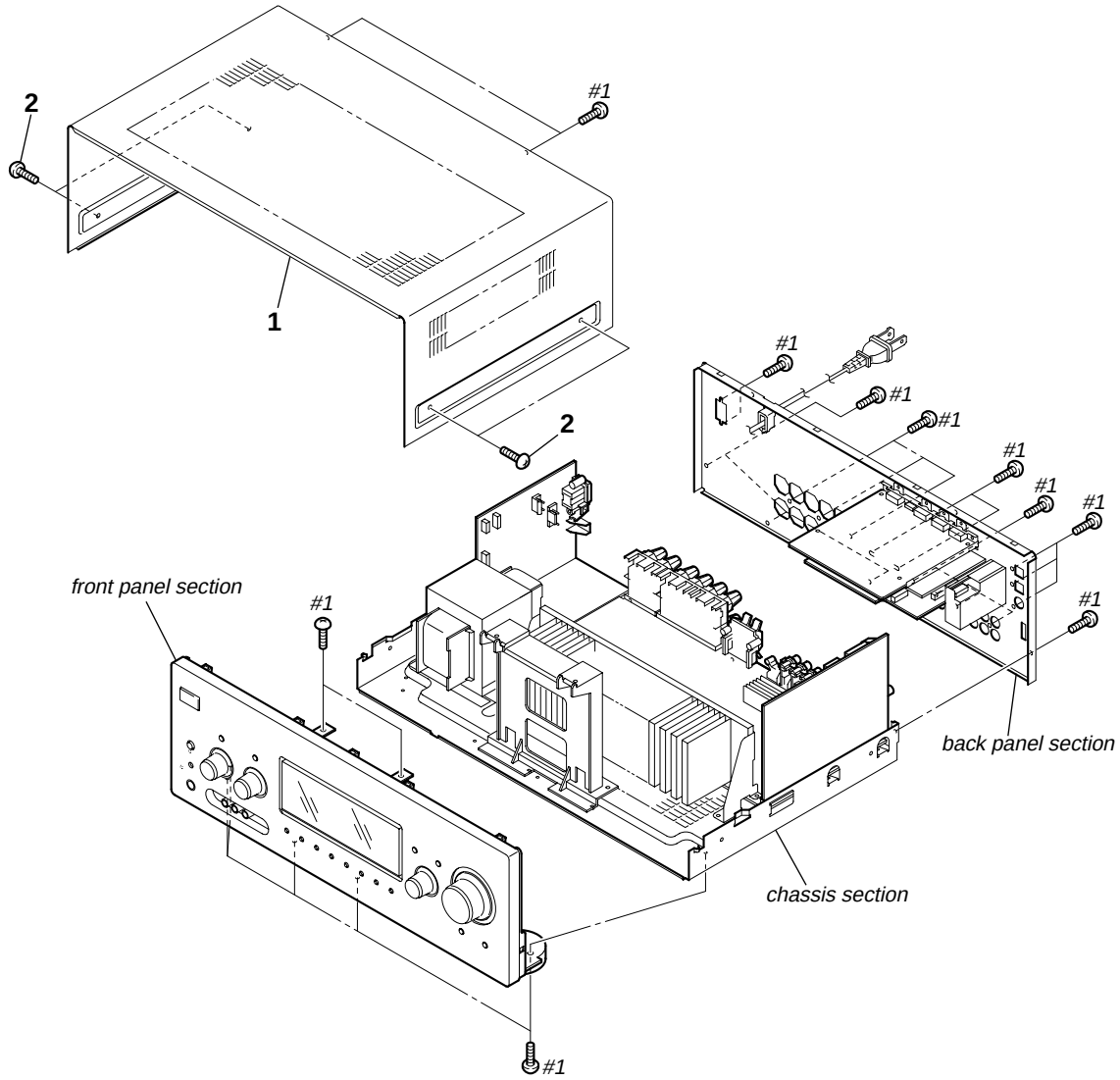
SECTION 6
EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Accessories are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

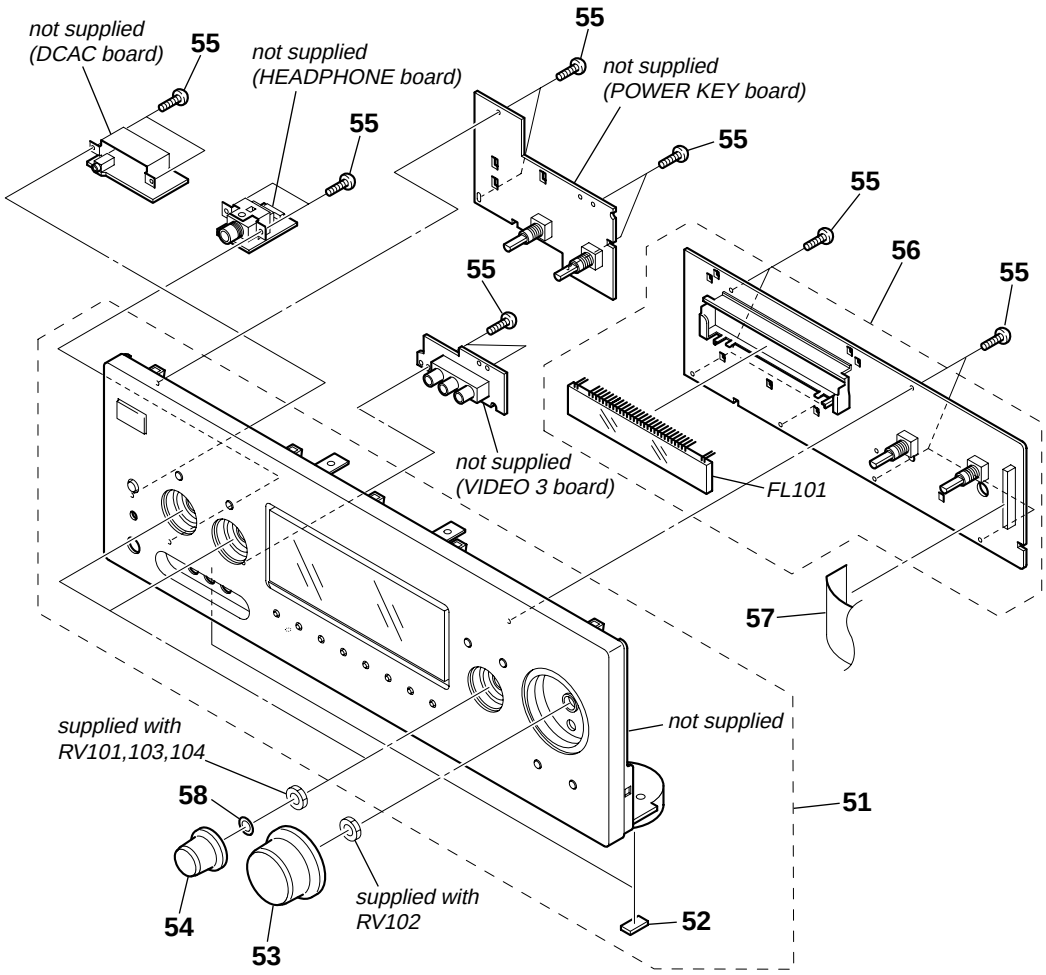
The components identified by mark ⍰ contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

6-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	2-661-145-11	CASE	
2	3-363-099-02	SCREW (CASE 3 TP2)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

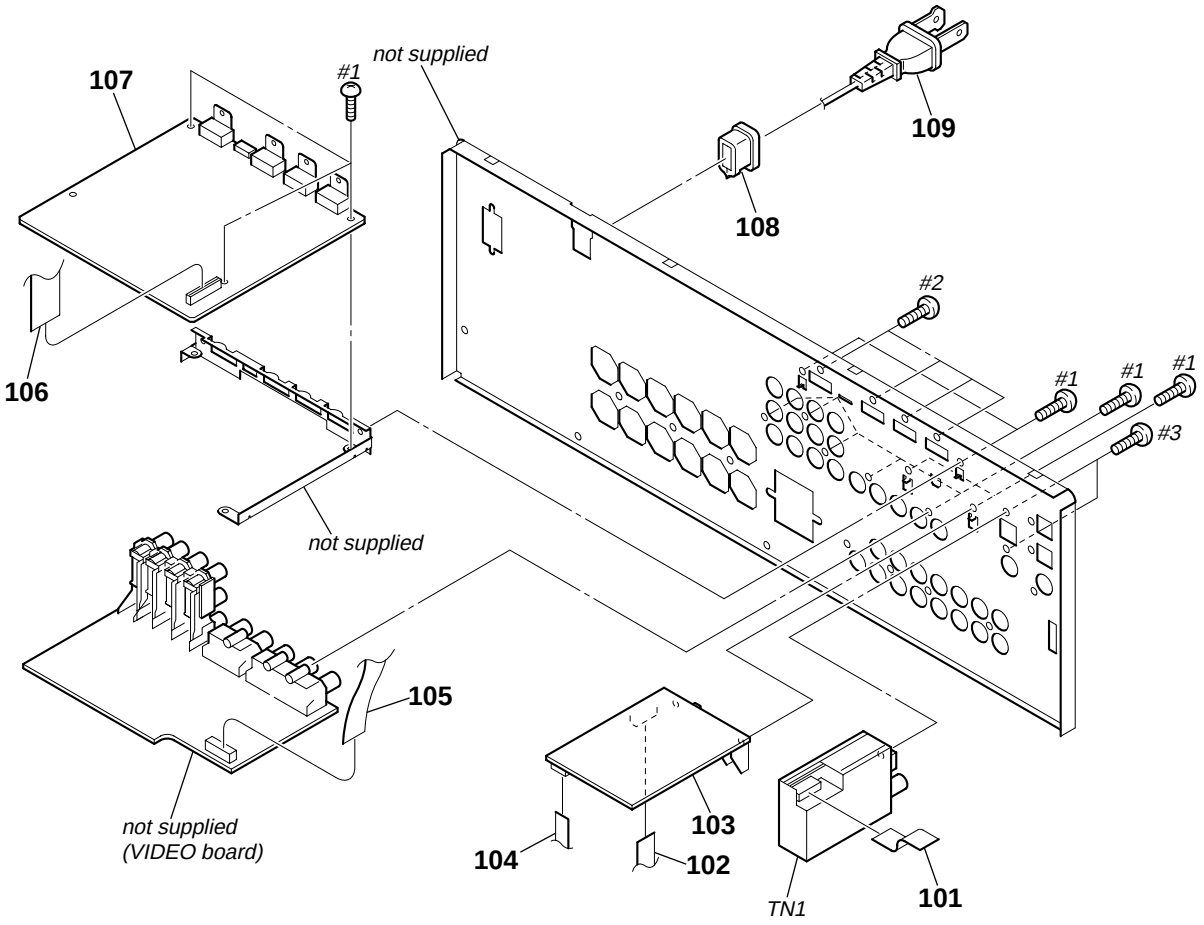
6-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	X-2176-237-1	FRONT PANEL ASSY	
52	4-977-358-01	CUSHION	
53	2-661-142-01	KNOB (VOLUME)	
54	2-661-141-01	KNOB (MENU)	
55	3-087-053-01	+BVTP 2.6 (3CR)	

Ref. No.	Part No.	Description	Remark
56	A-1225-211-A	DISPLAY BOARD, COMPLETE	
57	1-829-042-11	WIRE (FLAT TYPE) (27 CORE)	
58	3-354-981-11	SPRING (SUS), RING	
FL101	1-519-927-11	VACUUM FLUORESCENT DISPLAY	

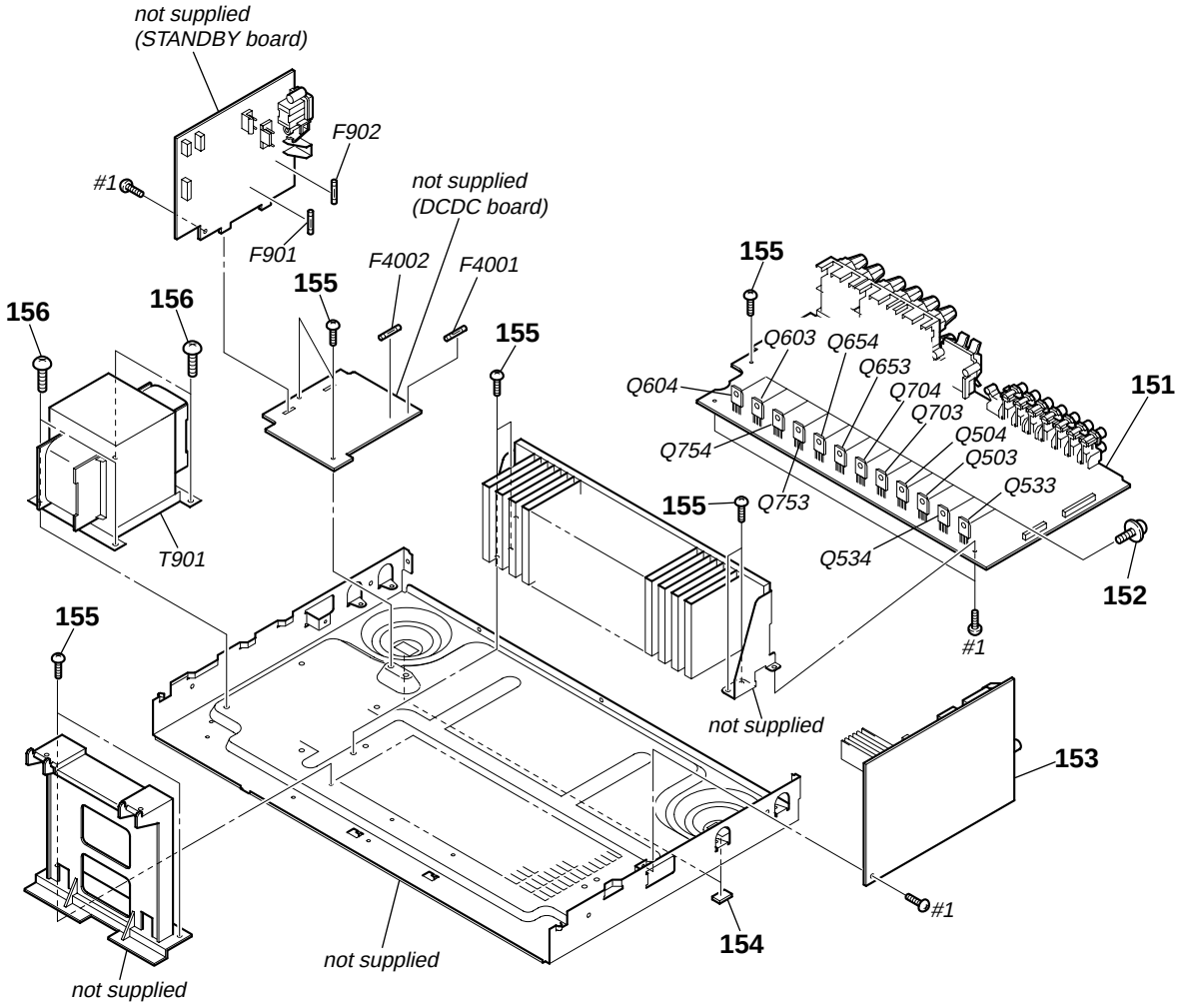
6-3. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark
101	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)	
102	1-828-957-11	WIRE (FLAT TYPE) (9 CORE)	
103	A-1222-793-A	XM BOARD, COMPLETE	
104	1-828-937-11	WIRE (FLAT TYPE) (5 CORE)	
105	1-828-936-11	WIRE (FLAT TYPE) (5 CORE)	
106	1-828-349-51	WIRE (FLAT TYPE) (17 CORE)	
🔒 107	A-1253-210-A	HDMI RE BOARD, COMPLETE (for SERVICE)	

Ref. No.	Part No.	Description	Remark
* 108	3-703-244-00	BUSHING (2104), CORD	
⚠109	1-783-820-11	CORD, POWER	
TN1	1-693-728-11	TUNER (FM/AM) (ANTENNA)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
#3	7-685-862-09	SCREW +BVTT 2.6X6 (S)	

6-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark
151	A-1224-709-A	MAIN BOARD, COMPLETE	
152	3-905-609-01	SCREW (TRANSISTOR)	
153	A-1225-232-A	DIGITAL BOARD, COMPLETE	
154	4-977-358-01	CUSHION	
155	3-077-331-21	+BV 3 (3-CR)	
156	4-249-675-01	+BV SUMITITE S 4X6 ROUND	
⚠F901	1-533-454-12	FUSE, GLASS TUBE (DIA. 5) (6.3A/125V)	
⚠F902	1-533-453-12	FUSE, GLASS TUBE (DIA. 5) (5A/125V)	
⚠F4001	1-532-465-33	FUSE (3.15A/250V)	
⚠F4002	1-532-465-33	FUSE (3.15A/250V)	
Q503	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q504	6-702-391-01	TRANSISTOR MP1620-OPY-MK	

Ref. No.	Part No.	Description	Remark
Q533	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q534	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
⚠T901	1-439-583-11	TRANSFORMER, POWER (MAIN)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

DCAC SILVER DCDC

SECTION 7
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

When indicating parts by reference number, please include the board.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Ref. No.	Part No.	Description			Remark
		DCAC SILVER BOARD			
		**********			
		< CAPACITOR >			
C2500	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2502	1-126-795-11	ELECT	10uF	20%	50V
C2503	1-126-795-11	ELECT	10uF	20%	50V
C2504	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C2505	1-126-795-11	ELECT	10uF	20%	50V
C2506	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C2513	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2514	1-119-772-11	ELECT	47uF	20%	35V
C2515	1-126-795-11	ELECT	10uF	20%	50V
C2516	1-126-795-11	ELECT	10uF	20%	50V
C2517	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C2518	1-104-957-11	ELECT	47uF	20%	25V
C2519	1-126-160-11	ELECT	1uF	20%	50V
C2520	1-126-795-11	ELECT	10uF	20%	50V
C2521	1-126-795-11	ELECT	10uF	20%	50V
C2522	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C2523	1-104-957-11	ELECT	47uF	20%	25V
C2524	1-119-772-11	ELECT	47uF	20%	35V
C2525	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2526	1-126-795-11	ELECT	10uF	20%	50V
C2528	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2529	1-119-772-11	ELECT	47uF	20%	35V
C2530	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
		< CONNECTOR >			
CN711	1-779-977-11	PIN, CONNECTOR 6P			
		< DIODE >			
D2500	8-719-988-61	DIODE 1SS355TE-17			
		< FERRITE BEAD >			
FB2500	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC2501	8-759-825-56	IC NJM2173AV(TE2)			
IC2502	6-705-468-01	IC BA33BC0FP-E2			

Ref. No.	Part No.	Description			Remark
		< JACK >			
J2500	1-820-056-11	JACK (SMALL TYPE) (AUTO CAL MIC)			
		< TRANSISTOR >			
Q2500	8-729-024-91	TRANSISTOR 2SC2712-GL-TE85L			
		< RESISTOR >			
R2501	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2503	1-216-849-11	METAL CHIP	220K	5%	1/10W
R2504	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2506	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2507	1-216-843-11	METAL CHIP	68K	5%	1/10W
R2508	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2518	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2519	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< LEAD WIRE >			
* W2500	1-690-880-31	LEAD (WITH CONNECTOR)			
**********					
		DCDC BOARD			
		**********			
	1-533-313-11	HOLDER, FUSE			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C4002	1-128-549-11	ELECT	3300uF	20%	35V
C4003	1-115-814-11	ELECT	0.001F	20%	35V
C4004	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C4005	1-128-950-21	ELECT	1000uF	20%	16V
C4006	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C4007	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C4009	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C4010	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C4100	1-115-814-11	ELECT	0.001F	20%	35V
C4102	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C4103	1-128-950-21	ELECT	1000uF	20%	16V
		< CONNECTOR >			
CN4101	1-779-977-11	PIN, CONNECTOR 6P			

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D4001	8-719-081-52	DIODE D5SBA20-4003			
D4803	8-719-080-53	DIODE RK36LF-B3			
D4804	8-719-059-21	DIODE RK46LF-T2			
		< IC >			
IC4001	8-759-474-09	IC SI-8050S-LF1101			
IC4100	8-759-659-28	IC SI-8033S			
		< COIL >			
L4000	1-456-545-11	INDUCTOR	100uH		
L4001	1-456-545-11	INDUCTOR	100uH		
L4100	1-456-545-11	INDUCTOR	100uH		
L4102	1-456-721-11	INDUCTOR	100uH		
		< RESISTOR >			
R4000	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R4001	1-216-817-11	METAL CHIP	470	5%	1/10W
R4002	1-216-819-11	METAL CHIP	680	5%	1/10W
R4100	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R4101	1-216-817-11	METAL CHIP	470	5%	1/10W
R4102	1-216-819-11	METAL CHIP	680	5%	1/10W
**********					
	A-1225-232-A	DIGITAL BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1001	1-126-925-11	ELECT	470uF	20%	10V
C1002	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C1004	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1005	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1006	1-126-965-11	ELECT	22uF	20%	50V
C1007	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1008	1-165-722-11	ELECT	100uF	20%	10V
C1010	1-126-964-11	ELECT	10uF	20%	50V
C1011	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1012	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1013	1-126-933-11	ELECT	100uF	20%	16V
C1014	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1015	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1017	1-117-370-11	CERAMIC CHIP	10uF		10V
C1018	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1021	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C1022	1-135-372-31	ELECT	470uF	20%	10V
C1023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1025	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1027	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1028	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1030	1-117-370-11	CERAMIC CHIP	10uF		10V

Ref. No.	Part No.	Description			Remark
C1031	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C1032	1-135-372-31	ELECT	470uF	20%	10V
C1034	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1035	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1036	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1037	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1038	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1039	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1040	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1041	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1042	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1043	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1044	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V
C1048	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V
C1049	1-117-370-11	CERAMIC CHIP	10uF		10V
C1050	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1051	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1052	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1053	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1054	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1055	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1056	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1057	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1058	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1059	1-117-370-11	CERAMIC CHIP	10uF		10V
C1060	1-126-933-11	ELECT	100uF	20%	16V
C1061	1-126-933-11	ELECT	100uF	20%	16V
C1062	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1063	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1064	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1065	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1066	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1067	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1068	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1069	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1070	1-165-722-11	ELECT	100uF	20%	10V
C1072	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1073	1-126-933-11	ELECT	100uF	20%	16V
C1074	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C1075	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1076	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1077	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1078	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1079	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1080	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1081	1-126-960-11	ELECT	1uF	20%	50V
C1082	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1083	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1084	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1085	1-126-965-11	ELECT	22uF	20%	50V
C1086	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1087	1-165-722-11	ELECT	100uF	20%	10V
C1088	1-112-100-11	ELECT	10uF	20%	50V
C1089	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1090	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1091	1-126-964-11	ELECT	10uF	20%	50V
C1092	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1093	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

DIGITAL

Ref. No.	Part No.	Description			Remark
C1094	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1095	1-126-933-11	ELECT	100uF	20%	16V
C1096	1-117-370-11	CERAMIC CHIP	10uF		10V
C1097	1-117-370-11	CERAMIC CHIP	10uF		10V
C1101	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1102	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1103	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1104	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1106	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1107	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1108	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1118	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1119	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1122	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1123	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1132	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1133	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1135	1-126-947-11	ELECT	47uF	20%	35V
C1138	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1139	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1140	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1141	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1144	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1145	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1171	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1172	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1173	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1174	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1175	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1256	1-107-726-11	CERAMIC CHIP	0.01uF	10%	16V
C1257	1-107-726-11	CERAMIC CHIP	0.01uF	10%	16V
C1266	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1267	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1301	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1303	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1304	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C1305	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1306	1-126-964-11	ELECT	10uF	20%	50V
C1308	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1312	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1314	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1316	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1317	1-126-964-11	ELECT	10uF	20%	50V
C1318	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1351	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1352	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-126-965-11	ELECT	22uF	20%	50V
C1358	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V
C1361	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1362	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1418	1-126-964-11	ELECT	10uF	20%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V
C1429	1-126-964-11	ELECT	10uF	20%	50V
C1430	1-126-964-11	ELECT	10uF	20%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1450	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1454	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1457	1-126-964-11	ELECT	10uF	20%	50V
C1458	1-126-964-11	ELECT	10uF	20%	50V
C1460	1-126-964-11	ELECT	10uF	20%	50V
C1468	1-126-964-11	ELECT	10uF	20%	50V
C1478	1-126-964-11	ELECT	10uF	20%	50V
C1483	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1485	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1486	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1489	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1491	1-126-964-11	ELECT	10uF	20%	50V
C1492	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1493	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1494	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1496	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1498	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1500	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1501	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1502	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1503	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1504	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1505	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1506	1-164-218-11	CERAMIC CHIP	180PF	5%	50V
C1510	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1512	1-164-392-11	CERAMIC CHIP	390PF	5%	50V
C1605	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1620	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1653	1-126-964-11	ELECT	10uF	20%	50V
C1654	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1656	1-126-964-11	ELECT	10uF	20%	50V
C1657	1-107-726-11	CERAMIC CHIP	0.01uF	10%	16V
C1658	1-107-726-11	CERAMIC CHIP	0.01uF	10%	16V
C1659	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1670	1-126-964-11	ELECT	10uF	20%	50V
C1671	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1672	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1673	1-126-964-11	ELECT	10uF	20%	50V
C1675	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1676	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1677	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1678	1-126-964-11	ELECT	10uF	20%	50V
C1679	1-126-964-11	ELECT	10uF	20%	50V
C1913	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C1914	1-126-947-11	ELECT	47uF	20%	35V

< CONNECTOR >

*	CNP500	1-564-510-11	PLUG, CONNECTOR 7P
*	CNP501	1-564-506-11	PLUG, CONNECTOR 3P
	CNP503	1-779-799-11	PIN, CONNECTOR 9P
	CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P
	CNS502	1-573-825-11	CONNECTOR, BOARD TO BOARD 11P
	CNS503	1-568-828-11	CONNECTOR, FFC 9P
	CNS504	1-784-731-11	CONNECTOR, FFC 9P

Ref. No.	Part No.	Description	Remark
CNS505	1-784-788-11	CONNECTOR, FFC 27P	
CNS506	1-820-116-41	CONNECTOR, FFC/FPC 17P	
CNS508	1-568-828-11	CONNECTOR, FFC 9P	
CNS509	1-784-766-11	CONNECTOR, FFC 5P	
		< DIODE >	
D1001	8-719-053-18	DIODE 1SR154-400TE-25	
D1003	8-719-049-09	DIODE 1SS367-T3SONY	
D1004	8-719-049-09	DIODE 1SS367-T3SONY	
D1106	8-719-060-48	DIODE RB751V-40TE-17	
D1107	8-719-404-50	DIODE MA111-TX	
D1110	8-719-404-50	DIODE MA111-TX	
D1111	8-719-404-50	DIODE MA111-TX	
D1301	8-719-404-50	DIODE MA111-TX	
D1302	8-719-404-50	DIODE MA111-TX	
		< FERRITE BEAD >	
FB1053	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB1101	1-400-862-11	BEAD, FERRITE	
FB1102	1-400-862-11	BEAD, FERRITE	
FB1103	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1104	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1105	1-400-862-11	BEAD, FERRITE	
FB1106	1-400-862-11	BEAD, FERRITE	
FB1107	1-400-862-11	BEAD, FERRITE	
FB1108	1-400-862-11	BEAD, FERRITE	
FB1109	1-400-862-11	BEAD, FERRITE	
FB1110	1-400-862-11	BEAD, FERRITE	
FB1111	1-400-862-11	BEAD, FERRITE	
FB1112	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1113	1-400-862-11	BEAD, FERRITE	
FB1114	1-400-862-11	BEAD, FERRITE	
FB1115	1-400-862-11	BEAD, FERRITE	
FB1116	1-400-862-11	BEAD, FERRITE	
FB1117	1-400-862-11	BEAD, FERRITE	
FB1305	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB1306	1-400-862-11	BEAD, FERRITE	
FB1308	1-400-862-11	BEAD, FERRITE	
FB1309	1-400-862-11	BEAD, FERRITE	
FB1452	1-400-862-11	BEAD, FERRITE	
FB1453	1-400-862-11	BEAD, FERRITE	
FB1503	1-469-139-21	FERRITE, EMI (SMD) (2012)	
		< IC >	
IC1001	6-703-547-01	IC TA7805LS	
IC1002	6-710-766-01	IC BD12KA5FP-E2	
IC1003	8-759-680-48	IC TC7WH157FK(TE85R)	
IC1004	8-759-831-52	IC TC7WH125FK(TE85R)	
IC1005	8-759-277-63	IC TC7W14FU(TE12R)	
IC1006	8-759-058-62	IC TC7S08FU(TE85R)	
IC1007	6-702-913-01	IC S-80929CNMC-G8ZT2G	
IC1008	8-759-524-10	IC TC74VHC157FT(EL)	
IC1009	6-706-764-01	IC ADSP21266SKSTZ-2C	
IC1010	6-807-249-01	IC MB91353APMT-G-113E1	
IC1011	6-807-120-01	IC SST25VF040B-50-4C-QAF-1	
IC1012	6-707-745-10	IC SI-3050KM-TL	
IC1013	6-707-744-01	IC SI-3033KM-TL	
IC1014	8-759-447-77	IC TC7WH74FU(TE12R)	
IC1015	8-759-530-27	IC TC4052BFT(EL,N)	

Ref. No.	Part No.	Description	Remark
IC1016	8-759-524-48	IC TC74VHC393FT(EL)	
IC1017	8-759-680-48	IC TC7WH157FK(TE85R)	
IC1031	6-705-469-01	IC BA50BC0FP-E2	
IC1131	6-704-005-01	IC BR24L32F-WE2	
IC1301	6-805-692-01	IC LC890561W	
IC1302	8-759-595-15	IC TC74ACT153F(EL)	
IC1303	8-759-096-87	IC TC7WU04FU(TE12R)	
IC1351	6-600-466-01	IC TORX147L(SONY) (DIGITAL (ASSIGNABLE) SAT IN (OPTICAL))	
IC1352	6-600-466-01	IC TORX147L(SONY) (DIGITAL (ASSIGNABLE) VIDEO 1 IN (OPTICAL))	
IC1403	8-759-710-97	IC NJM4565M-D	
IC1404	8-759-710-97	IC NJM4565M-D	
IC1405	8-759-710-97	IC NJM4565M-D	
IC1406	8-759-710-97	IC NJM4565M-D	
IC1452	6-708-785-01	IC PCM1609APT	
IC1602	8-759-529-76	IC TC74VHC595FT(EL)	
IC1603	6-707-608-01	IC PCM1803DBR	
IC1902	8-759-231-56	IC TA7809S	
IC1904	6-705-463-01	IC BA33BC0T	
		< JACK >	
J1301	1-793-446-21	JACK, PIN 1P (DIGITAL (ASSIGNABLE) DVD IN (COAXIAL))	
		< CONNECTOR >	
J1302	1-817-615-21	CONNECTOR, BOARD TO BOARD 18P (DMPORT)	
		< JUMPER RESISTOR >	
JR1000	1-216-296-11	SHORT CHIP 0	
JR1001	1-211-950-11	SHORT CHIP 0	
JR1002	1-211-950-11	SHORT CHIP 0	
JR1003	1-211-950-11	SHORT CHIP 0	
JR1019	1-216-296-11	SHORT CHIP 0	
JR1020	1-469-139-21	FERRITE, EMI (SMD) (2012)	
JR1023	1-216-296-11	SHORT CHIP 0	
JR1205	1-216-296-11	SHORT CHIP 0	
JR1511	1-469-139-21	FERRITE, EMI (SMD) (2012)	
		< TRANSISTOR >	
Q1103	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1104	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q1105	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q1106	8-729-620-10	TRANSISTOR 2SA1602TP-1EF	
Q1107	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
R1010	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1011	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R1012	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1013	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1015	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1017	1-216-813-11	METAL CHIP 220 5% 1/10W	
R1018	1-216-805-11	METAL CHIP 47 5% 1/10W	
R1019	1-216-864-11	SHORT CHIP 0	
R1021	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1023	1-216-813-11	METAL CHIP 220 5% 1/10W	
R1024	1-216-864-11	SHORT CHIP 0	

DIGITAL

Ref. No.	Part No.	Description			Remark
R1025	1-216-864-11	SHORT CHIP	0		
R1026	1-216-864-11	SHORT CHIP	0		
R1027	1-216-864-11	SHORT CHIP	0		
R1028	1-216-801-11	METAL CHIP	22	5%	1/10W
R1029	1-216-801-11	METAL CHIP	22	5%	1/10W
R1030	1-216-801-11	METAL CHIP	22	5%	1/10W
R1031	1-216-801-11	METAL CHIP	22	5%	1/10W
R1032	1-216-801-11	METAL CHIP	22	5%	1/10W
R1033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1034	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1035	1-216-801-11	METAL CHIP	22	5%	1/10W
R1036	1-216-864-11	SHORT CHIP	0		
R1037	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1038	1-216-801-11	METAL CHIP	22	5%	1/10W
R1039	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1040	1-216-801-11	METAL CHIP	22	5%	1/10W
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W
R1042	1-216-809-11	METAL CHIP	100	5%	1/10W
R1043	1-216-801-11	METAL CHIP	22	5%	1/10W
R1044	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1046	1-216-801-11	METAL CHIP	22	5%	1/10W
R1047	1-216-801-11	METAL CHIP	22	5%	1/10W
R1048	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1049	1-216-817-11	METAL CHIP	470	5%	1/10W
R1050	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1051	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
R1052	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
R1053	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1054	1-216-817-11	METAL CHIP	470	5%	1/10W
R1062	1-216-801-11	METAL CHIP	22	5%	1/10W
R1063	1-216-809-11	METAL CHIP	100	5%	1/10W
R1064	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W
R1068	1-216-801-11	METAL CHIP	22	5%	1/10W
R1069	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1070	1-216-864-11	SHORT CHIP	0		
R1071	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1072	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1073	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1075	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W
R1077	1-216-809-11	METAL CHIP	100	5%	1/10W
R1078	1-216-809-11	METAL CHIP	100	5%	1/10W
R1079	1-216-801-11	METAL CHIP	22	5%	1/10W
R1080	1-216-864-11	SHORT CHIP	0		
R1081	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1082	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1084	1-216-864-11	SHORT CHIP	0		
R1085	1-243-227-11	RES-CHIP	0.33	1%	1/8W
R1086	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1090	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1093	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1094	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1095	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1097	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1098	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1100	1-216-864-11	SHORT CHIP	0		
R1101	1-216-864-11	SHORT CHIP	0		
R1102	1-216-864-11	SHORT CHIP	0		
R1103	1-216-864-11	SHORT CHIP	0		
R1104	1-216-864-11	SHORT CHIP	0		
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W
R1107	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1108	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1109	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1110	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1111	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W
R1113	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1114	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
R1116	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1118	1-216-864-11	SHORT CHIP	0		
R1119	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1120	1-216-864-11	SHORT CHIP	0		
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-809-11	METAL CHIP	100	5%	1/10W
R1126	1-216-809-11	METAL CHIP	100	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
R1130	1-216-809-11	METAL CHIP	100	5%	1/10W
R1131	1-216-809-11	METAL CHIP	100	5%	1/10W
R1132	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1133	1-216-813-11	METAL CHIP	220	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1135	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1136	1-216-864-11	SHORT CHIP	0		
R1138	1-216-809-11	METAL CHIP	100	5%	1/10W
R1139	1-216-864-11	SHORT CHIP	0		
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1141	1-216-809-11	METAL CHIP	100	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1143	1-216-864-11	SHORT CHIP	0		
R1144	1-216-801-11	METAL CHIP	22	5%	1/10W
R1145	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1153	1-216-864-11	SHORT CHIP	0		
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1156	1-216-864-11	SHORT CHIP	0		
R1157	1-216-864-11	SHORT CHIP	0		
R1158	1-216-809-11	METAL CHIP	100	5%	1/10W
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1163	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1164	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1168	1-216-809-11	METAL CHIP	100	5%	1/10W
R1169	1-216-809-11	METAL CHIP	100	5%	1/10W
R1174	1-216-809-11	METAL CHIP	100	5%	1/10W
R1175	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1177	1-216-809-11	METAL CHIP	100	5%	1/10W
R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1188	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1194	1-216-864-11	SHORT CHIP	0		
R1196	1-216-809-11	METAL CHIP	100	5%	1/10W
R1197	1-216-809-11	METAL CHIP	100	5%	1/10W
R1199	1-216-809-11	METAL CHIP	100	5%	1/10W
R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1304	1-216-813-11	METAL CHIP	220	5%	1/10W
R1305	1-216-817-11	METAL CHIP	470	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W
R1317	1-216-864-11	SHORT CHIP	0		
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1319	1-216-817-11	METAL CHIP	470	5%	1/10W
R1320	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1321	1-216-864-11	SHORT CHIP	0		
R1322	1-216-809-11	METAL CHIP	100	5%	1/10W
R1324	1-216-809-11	METAL CHIP	100	5%	1/10W
R1325	1-216-864-11	SHORT CHIP	0		
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W
R1352	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1361	1-216-864-11	SHORT CHIP	0		
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W
R1363	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1364	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1367	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1416	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1426	1-216-809-11	METAL CHIP	100	5%	1/10W
R1436	1-216-809-11	METAL CHIP	100	5%	1/10W
R1446	1-216-809-11	METAL CHIP	100	5%	1/10W
R1447	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1450	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1452	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1454	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1457	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1459	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1465	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1466	1-216-809-11	METAL CHIP	100	5%	1/10W
R1468	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1470	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1476	1-216-809-11	METAL CHIP	100	5%	1/10W
R1486	1-216-809-11	METAL CHIP	100	5%	1/10W
R1487	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1490	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1491	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1492	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1493	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1494	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1495	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1508	1-216-864-11	SHORT CHIP	0		
R1509	1-216-864-11	SHORT CHIP	0		
R1510	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1511	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1512	1-216-813-11	METAL CHIP	220	5%	1/10W
R1513	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1514	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1515	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1516	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1556	1-216-815-11	METAL CHIP	330	5%	1/10W
R1557	1-216-809-11	METAL CHIP	100	5%	1/10W
R1607	1-216-809-11	METAL CHIP	100	5%	1/10W
R1609	1-216-817-11	METAL CHIP	470	5%	1/10W
R1618	1-216-817-11	METAL CHIP	470	5%	1/10W
R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1671	1-216-864-11	SHORT CHIP	0		
R1801	1-216-809-11	METAL CHIP	100	5%	1/10W
R1802	1-216-809-11	METAL CHIP	100	5%	1/10W
R1804	1-216-809-11	METAL CHIP	100	5%	1/10W
R1806	1-216-809-11	METAL CHIP	100	5%	1/10W
R1807	1-216-809-11	METAL CHIP	100	5%	1/10W
R1808	1-216-809-11	METAL CHIP	100	5%	1/10W
R1809	1-216-809-11	METAL CHIP	100	5%	1/10W

< VIBRATOR >

X1300	1-781-893-21	VIBRATOR, CERAMIC (CHIP TYPE) (12.5MHz)	
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)	
X1302	1-795-807-11	VIBRATOR, CRYSTAL (25MHz)	

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STR-DG810

DISPLAY **HDMI RE**

Ref. No.	Part No.	Description			Remark
	A-1225-211-A	DISPLAY BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C110	1-162-286-31	CERAMIC	220PF	10%	50V
C111	1-162-286-31	CERAMIC	220PF	10%	50V
C112	1-162-286-31	CERAMIC	220PF	10%	50V
C114	1-127-888-11	CERAMIC	0.1uF	10%	50V
C115	1-126-964-11	ELECT	10uF	20%	50V
C144	1-127-888-11	CERAMIC	0.1uF	10%	50V
C145	1-127-888-11	CERAMIC	0.1uF	10%	50V
C147	1-162-286-31	CERAMIC	220PF	10%	50V
C148	1-126-964-11	ELECT	10uF	20%	50V
C149	1-162-286-31	CERAMIC	220PF	10%	50V
C160	1-127-888-11	CERAMIC	0.1uF	10%	50V
C162	1-127-888-11	CERAMIC	0.1uF	10%	50V
C164	1-162-286-31	CERAMIC	220PF	10%	50V
C165	1-126-964-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
* CN105	1-691-406-11	CONNECTOR, BOARD TO BOARD 7P			
CNS102	1-784-788-11	CONNECTOR, FFC 27P			
		< VACUUM FLUORESCENT DISPLAY >			
FL101	1-519-927-11	VACUUM FLUORESCENT DISPLAY			
		< IC >			
IC100	8-759-643-83	IC uPD16315GB-3BS			
IC101	8-759-243-51	IC TC74ACT08P			
IC103	6-600-349-31	IC NJL24H400A (IR)			
		< RESISTOR >			
R101	1-249-409-11	CARBON	220	5%	1/4W
R102	1-249-411-11	CARBON	330	5%	1/4W
R103	1-249-413-11	CARBON	470	5%	1/4W
R104	1-249-415-11	CARBON	680	5%	1/4W
R105	1-247-831-11	CARBON	1K	5%	1/4W
R106	1-249-419-11	CARBON	1.5K	5%	1/4W
R107	1-249-421-11	CARBON	2.2K	5%	1/4W
R108	1-249-409-11	CARBON	220	5%	1/4W
R109	1-249-411-11	CARBON	330	5%	1/4W
R110	1-249-413-11	CARBON	470	5%	1/4W
R115	1-247-807-31	CARBON	100	5%	1/4W
R116	1-247-807-31	CARBON	100	5%	1/4W
R117	1-247-807-31	CARBON	100	5%	1/4W
R118	1-249-440-11	CARBON	82K	5%	1/4W
R119	1-247-807-31	CARBON	100	5%	1/4W
R120	1-249-393-11	CARBON	10	5%	1/4W F
R197	1-249-387-81	CARBON	3.3	5%	1/4W F
R198	1-249-387-81	CARBON	3.3	5%	1/4W F
		< ROTARY ENCODER >			
RV101	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)			
RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S101	1-771-410-21	SWITCH, TACTILE (DIRECT)			
S102	1-771-410-21	SWITCH, TACTILE (AUTO CAL)			
S103	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S104	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
S105	1-771-410-21	SWITCH, TACTILE (MUSIC)			
S106	1-771-410-21	SWITCH, TACTILE (MOVIE)			
S107	1-771-410-21	SWITCH, TACTILE (A.F.D.)			
S108	1-771-410-21	SWITCH, TACTILE (2CH)			
S109	1-771-410-21	SWITCH, TACTILE (CATEGORY +)			
S110	1-771-410-21	SWITCH, TACTILE (CATEGORY –)			
S111	1-771-410-21	SWITCH, TACTILE (CATEGORY MODE)			
S112	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)			
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	A-1253-210-A	HDMI RE BOARD, COMPLETE (for SERVICE)			
		**********			
		< CAPACITOR >			
C3501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3502	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3504	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3509	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3514	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3519	1-126-210-21	ELECT CHIP	220uF	20%	4V
C3520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3521	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3524	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3526	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3527	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3529	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3530	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3531	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3534	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3535	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3536	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3537	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3538	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C3539	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3540	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C3541	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3542	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3543	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C3544	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3545	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3547	1-100-053-21	ELECT CHIP	220uF	20%	6.3V
C3548	1-126-210-21	ELECT CHIP	220uF	20%	4V
C3549	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3550	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3551	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3552	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3553	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3555	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3556	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3557	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3558	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3561	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3562	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3563	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3564	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3566	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3567	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3568	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3569	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3570	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3571	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3572	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C3573	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3574	1-126-210-21	ELECT CHIP	220uF	20%	4V
C3575	1-100-053-21	ELECT CHIP	220uF	20%	6.3V
C3576	1-165-667-21	ELECT CHIP	100uF	20%	6.3V
C3579	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3580	1-165-667-21	ELECT CHIP	100uF	20%	6.3V
C3584	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3585	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3586	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3590	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C3591	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3593	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3594	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3596	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3597	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3615	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3616	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3617	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3618	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3619	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3620	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3621	1-112-791-11	ELECT CHIP	100uF	20%	16V
C3625	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3627	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3630	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3631	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3632	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3633	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3634	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3635	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3643	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3644	1-126-205-11	ELECT CHIP	47uF	20%	6.3V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN3501	1-820-735-11	CONNECTOR, HDMI 19P (HDMI SAT IN)	
CN3502	1-820-735-11	CONNECTOR, HDMI 19P (HDMI DVD IN)	
CN3503	1-820-735-11	CONNECTOR, HDMI 19P (HDMI VIDEO 2/BD IN)	
CN3504	1-820-735-11	CONNECTOR, HDMI 19P (HDMI OUT)	
CN3509	1-779-993-11	PIN, CONNECTOR (PWB) 5P	
CN3510	1-784-859-51	CONNECTOR, FFC (LIF(NON-ZIF)) 7P	
CN3511	1-820-116-41	CONNECTOR, FFC/FPC 17P	
		< DIODE >	
D3501	8-719-988-61	DIODE 1SS355TE-17	
D3502	8-719-988-61	DIODE 1SS355TE-17	
D3511	8-719-988-61	DIODE 1SS355TE-17	
D3512	8-719-988-61	DIODE 1SS355TE-17	
D3513	8-719-988-61	DIODE 1SS355TE-17	
		< TERMINAL >	
ET3503	1-780-318-11	TERMINAL	
		< FERRITE BEAD >	
FB3501	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3502	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3503	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3504	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3505	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3506	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3508	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3509	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3510	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3511	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3512	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3513	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB3514	1-414-234-22	INDUCTOR, FERRITE BEAD	
		< IC >	
IC3501	8-759-389-26	IC 74LCX08MTCX	
IC3503	6-710-819-01	IC TMDS341APFCR	
IC3504	8-759-596-39	IC SN74LV4052APWR	
IC3507	6-708-758-01	IC PCA9517DP.118	
IC3509	6-704-001-01	IC BR24L02F-WE2	
IC3511	(Not supplied)	IC SII9011CLU	
IC3513	(Not supplied)	IC SII9030CTU-7	
IC3516	6-705-337-01	IC TK11150CSCL-G	
IC3519	6-807-228-01	IC M30620FCPGP-RPT02	
IC3521	8-759-596-39	IC SN74LV4052APWR	
IC3526	6-707-744-01	IC SI-3033KM-TL	
IC3527	6-707-744-01	IC SI-3033KM-TL	
IC3528	8-759-832-05	IC BA18BC0FP-E2	
		< TRANSISTOR >	
Q3504	6-550-014-01	FET SSM6N15FU(TE85R)	
Q3505	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3506	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3507	8-729-600-22	TRANSISTOR 2SA1235-F	
		< RESISTOR >	
R3500	1-216-833-11	METAL CHIP 10K 5% 1/10W	

Note: When IC3511 and IC3513 on the HDMI RE board are damaged, exchange the new HDMI RE board for the HDMI RE board which IC damaged.

HDMI RE

Ref. No.	Part No.	Description			Remark
R3502	1-216-864-11	SHORT CHIP	0		
R3504	1-216-864-11	SHORT CHIP	0		
R3506	1-216-864-11	SHORT CHIP	0		
R3509	1-216-805-11	METAL CHIP	47	5%	1/10W
R3511	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3512	1-216-805-11	METAL CHIP	47	5%	1/10W
R3513	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3514	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3519	1-216-864-11	SHORT CHIP	0		
R3521	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3524	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3525	1-218-844-11	METAL CHIP	750	0.5%	1/10W
R3526	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R3527	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3528	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3532	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3533	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3534	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3535	1-216-864-11	SHORT CHIP	0		
R3536	1-216-864-11	SHORT CHIP	0		
R3541	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3542	1-216-864-11	SHORT CHIP	0		
R3544	1-216-805-11	METAL CHIP	47	5%	1/10W
R3545	1-216-805-11	METAL CHIP	47	5%	1/10W
R3546	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3548	1-216-803-11	METAL CHIP	33	5%	1/10W
R3549	1-216-809-11	METAL CHIP	100	5%	1/10W
R3550	1-216-809-11	METAL CHIP	100	5%	1/10W
R3551	1-216-809-11	METAL CHIP	100	5%	1/10W
R3552	1-216-809-11	METAL CHIP	100	5%	1/10W
R3554	1-216-809-11	METAL CHIP	100	5%	1/10W
R3556	1-216-809-11	METAL CHIP	100	5%	1/10W
R3557	1-216-805-11	METAL CHIP	47	5%	1/10W
R3558	1-216-864-11	SHORT CHIP	0		
R3562	1-216-864-11	SHORT CHIP	0		
R3563	1-216-809-11	METAL CHIP	100	5%	1/10W
R3564	1-218-285-11	METAL CHIP	75	5%	1/10W
R3565	1-216-805-11	METAL CHIP	47	5%	1/10W
R3566	1-218-285-11	METAL CHIP	75	5%	1/10W
R3567	1-218-285-11	METAL CHIP	75	5%	1/10W
R3570	1-216-809-11	METAL CHIP	100	5%	1/10W
R3576	1-216-805-11	METAL CHIP	47	5%	1/10W
R3577	1-216-805-11	METAL CHIP	47	5%	1/10W
R3578	1-216-809-11	METAL CHIP	100	5%	1/10W
R3579	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3580	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R3581	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3582	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R3583	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3584	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3585	1-216-864-11	SHORT CHIP	0		
R3586	1-216-864-11	SHORT CHIP	0		
R3587	1-216-864-11	SHORT CHIP	0		
R3588	1-216-864-11	SHORT CHIP	0		
R3589	1-216-864-11	SHORT CHIP	0		
R3590	1-216-864-11	SHORT CHIP	0		
R3591	1-216-864-11	SHORT CHIP	0		
R3592	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R3593	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3594	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3595	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3597	1-216-864-11	SHORT CHIP	0		
R3598	1-216-864-11	SHORT CHIP	0		
R3599	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3600	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3602	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3603	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3604	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3605	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3608	1-216-805-11	METAL CHIP	47	5%	1/10W
R3609	1-216-805-11	METAL CHIP	47	5%	1/10W
R3610	1-216-805-11	METAL CHIP	47	5%	1/10W
R3611	1-216-805-11	METAL CHIP	47	5%	1/10W
R3612	1-216-805-11	METAL CHIP	47	5%	1/10W
R3613	1-216-805-11	METAL CHIP	47	5%	1/10W
R3614	1-216-805-11	METAL CHIP	47	5%	1/10W
R3615	1-216-805-11	METAL CHIP	47	5%	1/10W
R3616	1-216-805-11	METAL CHIP	47	5%	1/10W
R3621	1-216-805-11	METAL CHIP	47	5%	1/10W
R3622	1-216-805-11	METAL CHIP	47	5%	1/10W
R3623	1-216-805-11	METAL CHIP	47	5%	1/10W
R3624	1-216-801-11	METAL CHIP	22	5%	1/10W
R3625	1-216-801-11	METAL CHIP	22	5%	1/10W
R3633	1-216-864-11	SHORT CHIP	0		
R3634	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3639	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3642	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3645	1-216-809-11	METAL CHIP	100	5%	1/10W
R3652	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3653	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3654	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3660	1-216-864-11	SHORT CHIP	0		
R3661	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3662	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3663	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3676	1-216-809-11	METAL CHIP	100	5%	1/10W
R3700	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3711	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3712	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3713	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3714	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3715	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3716	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3741	1-216-817-11	METAL CHIP	470	5%	1/10W
R3744	1-216-805-11	METAL CHIP	47	5%	1/10W
R3745	1-216-805-11	METAL CHIP	47	5%	1/10W
R3747	1-216-864-11	SHORT CHIP	0		
R3748	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3749	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3750	1-216-805-11	METAL CHIP	47	5%	1/10W
R3775	1-216-797-11	METAL CHIP	10	5%	1/10W
R3776	1-216-797-11	METAL CHIP	10	5%	1/10W
R3779	1-216-805-11	METAL CHIP	47	5%	1/10W
R3780	1-216-805-11	METAL CHIP	47	5%	1/10W

Ref. No.	Part No.	Description			Remark
R3784	1-216-864-11	SHORT CHIP	0		
R3788	1-216-864-11	SHORT CHIP	0		
R3790	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3791	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3793	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3796	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3797	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3798	1-216-864-11	SHORT CHIP	0		
R3799	1-216-805-11	METAL CHIP	47	5%	1/10W
		< NETWORK RESISTOR >			
RB3501	1-234-723-11	RES, NETWORK 75X4 (1005)			
RB3502	1-234-723-11	RES, NETWORK 75X4 (1005)			
RB3503	1-234-723-11	RES, NETWORK 75X4 (1005)			
RB3504	1-234-723-11	RES, NETWORK 75X4 (1005)			
RB3505	1-234-723-11	RES, NETWORK 75X4 (1005)			
RB3506	1-234-723-11	RES, NETWORK 75X4 (1005)			
		< VIBRATOR >			
X3501	1-813-570-21	VIBRATOR, CRYSTAL (28.322MHz)			
X3502	1-795-244-11	VIBRATOR, CERAMIC (10MHz)			
**********					
		HEADPHONE BOARD			
		**********			
		< CAPACITOR >			
C790	1-127-888-11	CERAMIC	0.1uF	10%	50V
C791	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
* CNP790	1-564-508-11	PLUG, CONNECTOR 5P			
		< JACK >			
J790	1-815-314-21	JACK (PHONES)			
		< LEAD WIRE >			
* TP790	1-690-880-31	LEAD (WITH CONNECTOR)			
**********					
	A-1224-709-A	MAIN BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C400	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C403	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C408	1-126-963-11	ELECT	4.7uF	20%	50V
C409	1-126-963-11	ELECT	4.7uF	20%	50V
C444	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C453	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C458	1-126-963-11	ELECT	4.7uF	20%	50V
C459	1-126-963-11	ELECT	4.7uF	20%	50V
C463	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C464	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C468	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C469	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description			Remark
C471	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-126-964-11	ELECT	10uF	20%	50V
C484	1-126-964-11	ELECT	10uF	20%	50V
C485	1-126-964-11	ELECT	10uF	20%	50V
C488	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C490	1-126-964-11	ELECT	10uF	20%	50V
C492	1-126-964-11	ELECT	10uF	20%	50V
C493	1-126-964-11	ELECT	10uF	20%	50V
C495	1-126-964-11	ELECT	10uF	20%	50V
C501	1-126-963-11	ELECT	4.7uF	20%	50V
C503	1-165-722-11	ELECT	100uF	20%	10V
C504	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C505	1-102-233-00	CERAMIC	33PF	10%	500V
C506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C507	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C510	1-126-947-11	ELECT	47uF	20%	35V
C511	1-136-157-00	FILM	0.022uF	5%	50V
C516	1-162-815-11	CERAMIC	47PF	5%	500V
C517	1-162-815-11	CERAMIC	47PF	5%	500V
C519	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C531	1-136-157-00	FILM	0.022uF	5%	50V
C539	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V
C541	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C553	1-165-722-11	ELECT	100uF	20%	10V
C554	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C561	1-126-963-11	ELECT	4.7uF	20%	50V
C565	1-102-233-00	CERAMIC	33PF	10%	500V
C566	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C567	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C570	1-126-947-11	ELECT	47uF	20%	35V
C576	1-162-815-11	CERAMIC	47PF	5%	500V
C577	1-162-815-11	CERAMIC	47PF	5%	500V
C580	1-126-964-11	ELECT	10uF	20%	50V
C581	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C601	1-126-963-11	ELECT	4.7uF	20%	50V
C603	1-165-722-11	ELECT	100uF	20%	10V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C605	1-102-233-00	CERAMIC	33PF	10%	500V
C606	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C607	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C610	1-126-947-11	ELECT	47uF	20%	35V
C611	1-136-157-00	FILM	0.022uF	5%	50V
C619	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C620	1-162-815-11	CERAMIC	47PF	5%	500V
C621	1-162-815-11	CERAMIC	47PF	5%	500V
C640	1-126-964-11	ELECT	10uF	20%	50V
C642	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C651	1-126-963-11	ELECT	4.7uF	20%	50V
C653	1-165-722-11	ELECT	100uF	20%	10V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C655	1-102-233-00	CERAMIC	33PF	10%	500V
C656	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C657	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C660	1-126-947-11	ELECT	47uF	20%	35V
C661	1-136-157-00	FILM	0.022uF	5%	50V
C666	1-162-815-11	CERAMIC	47PF	5%	500V
C669	1-162-815-11	CERAMIC	47PF	5%	500V

STR-DG810

MAIN

Ref. No.	Part No.	Description			Remark
C670	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C680	1-126-964-11	ELECT	10uF	20%	50V
C681	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C691	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C701	1-126-963-11	ELECT	4.7uF	20%	50V
C702	1-126-964-11	ELECT	10uF	20%	50V
C703	1-165-722-11	ELECT	100uF	20%	10V
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C705	1-102-233-00	CERAMIC	33PF	10%	500V
C706	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C707	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C710	1-126-947-11	ELECT	47uF	20%	35V
C711	1-136-157-00	FILM	0.022uF	5%	50V
C716	1-162-815-11	CERAMIC	47PF	5%	500V
C717	1-162-815-11	CERAMIC	47PF	5%	500V
C720	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C721	1-126-923-11	ELECT	220uF	20%	10V
C722	1-126-964-11	ELECT	10uF	20%	50V
C732	1-128-582-11	ELECT	10uF	20%	100V
C733	1-128-582-11	ELECT	10uF	20%	100V
C740	1-126-964-11	ELECT	10uF	20%	50V
C741	1-128-579-11	ELECT	2.2uF	20%	100V
C742	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C743	1-128-579-11	ELECT	2.2uF	20%	100V
C744	1-128-579-11	ELECT	2.2uF	20%	100V
C750	1-126-964-11	ELECT	10uF	20%	50V
C751	1-126-963-11	ELECT	4.7uF	20%	50V
C752	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C753	1-165-722-11	ELECT	100uF	20%	10V
C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C755	1-102-233-00	CERAMIC	33PF	10%	500V
C756	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C757	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C760	1-126-947-11	ELECT	47uF	20%	35V
C761	1-136-157-00	FILM	0.022uF	5%	50V
C762	1-126-964-11	ELECT	10uF	20%	50V
C766	1-162-815-11	CERAMIC	47PF	5%	500V
C767	1-162-815-11	CERAMIC	47PF	5%	500V
C770	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C791	1-126-923-11	ELECT	220uF	20%	10V
C801	1-126-947-11	ELECT	47uF	20%	35V
C802	1-126-947-11	ELECT	47uF	20%	35V
C803	1-109-932-14	ELECT(BLOCK)	0.01F	20%	71V
C804	1-109-932-14	ELECT(BLOCK)	0.01F	20%	71V
C805	1-135-851-21	MYLAR	0.22uF		100V
C806	1-135-851-21	MYLAR	0.22uF		100V
C807	1-126-947-11	ELECT	47uF	20%	35V
C808	1-126-947-11	ELECT	47uF	20%	35V
C809	1-100-623-11	CERAMIC CHIP	0.1uF	10%	100V
C810	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C811	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C822	1-126-947-11	ELECT	47uF	20%	35V
C830	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C831	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V
C832	1-126-936-11	ELECT	3300uF	20%	16V
C3022	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3024	1-126-963-11	ELECT	4.7uF	20%	50V
C3025	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3026	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3027	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3032	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3034	1-126-963-11	ELECT	4.7uF	20%	50V
C3037	1-165-908-11	CERAMIC CHIP	1uF	10%	10V

< CONNECTOR >

Ref. No.	Part No.	Description
CN500	1-573-843-11	CONNECTOR, BOARD TO BOARD 11P
CN504	1-784-766-11	CONNECTOR, FFC 5P
CN506	1-779-978-11	PIN, CONNECTOR 3P
CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P
* CNP503	1-564-506-11	PLUG, CONNECTOR 3P
* CNP507	1-564-507-11	PLUG, CONNECTOR 4P
* CNP801	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P
* CNP802	1-564-509-11	PLUG, CONNECTOR 6P
* CNP912	1-564-506-11	PLUG, CONNECTOR 3P

< DIODE >

Ref. No.	Part No.	Description
D505	6-501-193-01	DIODE 1SS355WTE-17
D540	6-501-193-01	DIODE 1SS355WTE-17
D560	6-501-193-01	DIODE 1SS355WTE-17
D580	6-501-193-01	DIODE 1SS355WTE-17
D585	6-501-193-01	DIODE 1SS355WTE-17
D605	6-501-193-01	DIODE 1SS355WTE-17
D610	6-501-193-01	DIODE 1SS355WTE-17
D611	6-501-193-01	DIODE 1SS355WTE-17
D640	6-501-193-01	DIODE 1SS355WTE-17
D665	6-501-193-01	DIODE 1SS355WTE-17
D680	6-501-193-01	DIODE 1SS355WTE-17
D690	8-719-083-71	DIODE UDZSTE-1730B
D691	6-501-193-01	DIODE 1SS355WTE-17
D701	6-501-193-01	DIODE 1SS355WTE-17
D705	6-501-193-01	DIODE 1SS355WTE-17
D710	6-501-193-01	DIODE 1SS355WTE-17
D721	6-501-193-01	DIODE 1SS355WTE-17
D722	6-501-193-01	DIODE 1SS355WTE-17
D732	6-501-193-01	DIODE 1SS355WTE-17
D733	6-501-193-01	DIODE 1SS355WTE-17
D740	6-501-193-01	DIODE 1SS355WTE-17
D750	6-501-193-01	DIODE 1SS355WTE-17
D765	6-501-193-01	DIODE 1SS355WTE-17
D791	6-501-193-01	DIODE 1SS355WTE-17
D801	8-719-083-85	DIODE UDZSTE-1722B
D802	8-719-081-52	DIODE D5SBA20-4003
D804	6-500-295-01	DIODE PTZ-TE25-5.6B
D805	8-719-053-18	DIODE 1SR154-400TE-25
D806	8-719-053-18	DIODE 1SR154-400TE-25
D807	8-719-053-18	DIODE 1SR154-400TE-25
D808	8-719-053-18	DIODE 1SR154-400TE-25
D818	6-501-193-01	DIODE 1SS355WTE-17
D896	8-719-053-18	DIODE 1SR154-400TE-25

< IC >

Ref. No.	Part No.	Description
IC401	6-707-362-01	IC BD3451KS
IC501	6-700-943-01	IC uPC2581V-S
IC601	6-700-943-01	IC uPC2581V-S
IC691	8-759-710-97	IC NJM4565M-D
IC701	6-700-943-01	IC uPC2581V-S

Ref. No.	Part No.	Description	Remark
IC801	8-759-071-48	IC TA7807S	
IC802	8-759-071-47	IC TA79007S	
IC3002	8-759-710-97	IC NJM4565M-D	
		< JACK >	
J309	1-770-377-21	JACK, PIN 1P (SUB WOOFER AUDIO OUT)	
J402	1-770-614-11	JACK, PIN 4P (VIDEO 1 AUDIO OUT/AUDIO IN)	
J403	1-770-614-11	JACK, PIN 4P (SAT AUDIO IN,DVD AUDIO IN)	
J405	1-774-411-11	JACK, PIN 6P (SA-CD/CD/CD-R OUT/IN,TV IN)	
		< COIL >	
L501	1-420-872-52	COIL, AIR-CORE	
L551	1-420-872-52	COIL, AIR-CORE	
L601	1-420-872-52	COIL, AIR-CORE	
L651	1-420-872-52	COIL, AIR-CORE	
L701	1-420-872-52	COIL, AIR-CORE	
L751	1-420-872-52	COIL, AIR-CORE	
		< TRANSISTOR >	
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q505	8-729-216-31	TRANSISTOR 2SA1163-G	
Q506	8-729-216-31	TRANSISTOR 2SA1163-G	
Q535	8-729-216-31	TRANSISTOR 2SA1163-G	
Q536	8-729-216-31	TRANSISTOR 2SA1163-G	
Q540	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q560	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q580	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q605	8-729-216-31	TRANSISTOR 2SA1163-G	
Q606	8-729-216-31	TRANSISTOR 2SA1163-G	
Q610	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q611	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q612	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q640	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q651	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q655	8-729-216-31	TRANSISTOR 2SA1163-G	
Q656	8-729-216-31	TRANSISTOR 2SA1163-G	
Q680	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q691	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q692	8-729-029-40	TRANSISTOR DTA124ESA	
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q705	8-729-216-31	TRANSISTOR 2SA1163-G	
Q706	8-729-216-31	TRANSISTOR 2SA1163-G	
Q710	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q722	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q723	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q725	8-729-216-31	TRANSISTOR 2SA1163-G	
Q740	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q750	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q751	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q752	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q755	8-729-216-31	TRANSISTOR 2SA1163-G	
Q756	8-729-216-31	TRANSISTOR 2SA1163-G	
Q790	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q793	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q795	8-729-216-31	TRANSISTOR 2SA1163-G	
Q801	8-729-140-97	TRANSISTOR 2SB734-34	
Q809	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
		< RESISTOR >	
R402	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R404	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R405	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R406	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R407	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R408	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R409	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R423	1-216-864-11	SHORT CHIP 0	
R428	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R429	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R452	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R454	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R455	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R456	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R457	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R458	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R459	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R468	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R469	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R470	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R471	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R472	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R473	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R474	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R475	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R476	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R501	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R502	1-216-843-11	METAL CHIP 68K 5% 1/10W	
R503	1-208-445-41	RES-CHIP 2.2K 2% 1/10W	
R505	1-208-826-11	METAL CHIP 68K 0.5% 1/10W	
R510	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R511	1-216-844-11	METAL CHIP 82K 5% 1/10W	
R513	1-216-818-11	METAL CHIP 560 5% 1/10W	
R514	1-249-399-11	CARBON 33 5% 1/4W F	
R515	1-249-399-11	CARBON 33 5% 1/4W F	
R516	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W	
R517	1-249-393-11	CARBON 10 5% 1/4W F	
R518	1-249-389-11	CARBON 4.7 5% 1/4W F	
R520	1-216-214-00	RES-CHIP 4.7K 2% 1/8W	
R521	1-240-855-11	CARBON 6.2K 5% 1/4W F	
R522	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R523	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R524	1-216-835-11	METAL CHIP 15K 5% 1/10W	
R525	1-216-843-11	METAL CHIP 68K 5% 1/10W	
R526	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W	
R530	1-216-214-00	RES-CHIP 4.7K 2% 1/8W	
R531	1-240-855-11	CARBON 6.2K 5% 1/4W F	
R532	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R533	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R534	1-216-835-11	METAL CHIP 15K 5% 1/10W	

MAIN

Ref. No.	Part No.	Description			Remark
R535	1-216-843-11	METAL CHIP	68K	5%	1/10W
R537	1-249-393-11	CARBON	10	5%	1/4W F
R540	1-216-837-11	METAL CHIP	22K	5%	1/10W
R546	1-216-835-11	METAL CHIP	15K	5%	1/10W
R553	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R554	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R555	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R556	1-216-841-11	METAL CHIP	47K	5%	1/10W
R557	1-216-835-11	METAL CHIP	15K	5%	1/10W
R561	1-216-821-11	METAL CHIP	1K	5%	1/10W
R562	1-216-843-11	METAL CHIP	68K	5%	1/10W
R568	1-249-389-11	CARBON	4.7	5%	1/4W F
R570	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R571	1-216-844-11	METAL CHIP	82K	5%	1/10W
R572	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R573	1-216-841-11	METAL CHIP	47K	5%	1/10W
R574	1-249-399-11	CARBON	33	5%	1/4W F
R575	1-249-399-11	CARBON	33	5%	1/4W F
R576	1-216-818-11	METAL CHIP	560	5%	1/10W
R580	1-216-837-11	METAL CHIP	22K	5%	1/10W
R585	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R586	1-216-841-11	METAL CHIP	47K	5%	1/10W
R587	1-216-835-11	METAL CHIP	15K	5%	1/10W
R588	1-216-835-11	METAL CHIP	15K	5%	1/10W
R601	1-216-821-11	METAL CHIP	1K	5%	1/10W
R602	1-216-843-11	METAL CHIP	68K	5%	1/10W
R603	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R604	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R610	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R611	1-216-844-11	METAL CHIP	82K	5%	1/10W
R613	1-216-818-11	METAL CHIP	560	5%	1/10W
R614	1-249-399-11	CARBON	33	5%	1/4W F
R615	1-249-399-11	CARBON	33	5%	1/4W F
R616	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R617	1-249-393-11	CARBON	10	5%	1/4W F
R618	1-249-389-11	CARBON	4.7	5%	1/4W F
R620	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R621	1-240-855-11	CARBON	6.2K	5%	1/4W F
R622	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R623	1-216-841-11	METAL CHIP	47K	5%	1/10W
R624	1-216-835-11	METAL CHIP	15K	5%	1/10W
R625	1-216-843-11	METAL CHIP	68K	5%	1/10W
R631	1-216-821-11	METAL CHIP	1K	5%	1/10W
R632	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R633	1-216-821-11	METAL CHIP	1K	5%	1/10W
R634	1-249-404-00	CARBON	82	5%	1/4W F
R635	1-249-404-00	CARBON	82	5%	1/4W F
R638	1-216-843-11	METAL CHIP	68K	5%	1/10W
R640	1-216-837-11	METAL CHIP	22K	5%	1/10W
R648	1-216-835-11	METAL CHIP	15K	5%	1/10W
R651	1-216-821-11	METAL CHIP	1K	5%	1/10W
R652	1-216-843-11	METAL CHIP	68K	5%	1/10W
R653	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R654	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R656	1-216-841-11	METAL CHIP	47K	5%	1/10W
R657	1-216-835-11	METAL CHIP	15K	5%	1/10W
R660	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R661	1-216-844-11	METAL CHIP	82K	5%	1/10W
R663	1-216-818-11	METAL CHIP	560	5%	1/10W
R664	1-249-399-11	CARBON	33	5%	1/4W F
R665	1-249-399-11	CARBON	33	5%	1/4W F
R666	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R667	1-249-393-11	CARBON	10	5%	1/4W F
R668	1-249-389-11	CARBON	4.7	5%	1/4W F
R669	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R671	1-240-855-11	CARBON	6.2K	5%	1/4W F
R672	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R673	1-216-841-11	METAL CHIP	47K	5%	1/10W
R674	1-216-835-11	METAL CHIP	15K	5%	1/10W
R675	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R676	1-216-841-11	METAL CHIP	47K	5%	1/10W
R677	1-216-835-11	METAL CHIP	15K	5%	1/10W
R680	1-216-837-11	METAL CHIP	22K	5%	1/10W
R681	1-216-835-11	METAL CHIP	15K	5%	1/10W
R690	1-216-849-11	METAL CHIP	220K	5%	1/10W
⚠R691	1-215-886-11	METAL OXIDE	100	5%	2W F
⚠R692	1-215-889-00	METAL OXIDE	330	5%	2W F
R693	1-216-833-11	METAL CHIP	10K	5%	1/10W
R694	1-216-833-11	METAL CHIP	10K	5%	1/10W
R695	1-216-833-11	METAL CHIP	10K	5%	1/10W
R696	1-216-841-11	METAL CHIP	47K	5%	1/10W
R698	1-216-833-11	METAL CHIP	10K	5%	1/10W
R699	1-216-853-11	METAL CHIP	470K	5%	1/10W
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R702	1-216-843-11	METAL CHIP	68K	5%	1/10W
R703	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R704	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R710	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R711	1-216-844-11	METAL CHIP	82K	5%	1/10W
R713	1-216-818-11	METAL CHIP	560	5%	1/10W
R714	1-249-399-11	CARBON	33	5%	1/4W F
R715	1-249-399-11	CARBON	33	5%	1/4W F
R716	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R717	1-249-393-11	CARBON	10	5%	1/4W F
R718	1-249-389-11	CARBON	4.7	5%	1/4W F
R719	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R721	1-240-855-11	CARBON	6.2K	5%	1/4W F
R722	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R723	1-216-841-11	METAL CHIP	47K	5%	1/10W
R724	1-216-835-11	METAL CHIP	15K	5%	1/10W
R725	1-216-843-11	METAL CHIP	68K	5%	1/10W
R731	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R732	1-249-381-11	CARBON	1	5%	1/4W F
R733	1-249-381-11	CARBON	1	5%	1/4W F
R734	1-249-404-00	CARBON	82	5%	1/4W F
R735	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R736	1-216-821-11	METAL CHIP	1K	5%	1/10W
R737	1-216-840-11	METAL CHIP	39K	5%	1/10W
R738	1-249-404-00	CARBON	82	5%	1/4W F
R740	1-216-837-11	METAL CHIP	22K	5%	1/10W
R741	1-216-230-00	RES-CHIP	22K	2%	1/8W
R743	1-216-230-00	RES-CHIP	22K	2%	1/8W
R744	1-216-230-00	RES-CHIP	22K	2%	1/8W
R745	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R746	1-216-841-11	METAL CHIP	47K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R747	1-216-835-11	METAL CHIP	15K	5%	1/10W
R748	1-216-835-11	METAL CHIP	15K	5%	1/10W
R750	1-216-837-11	METAL CHIP	22K	5%	1/10W
R751	1-216-821-11	METAL CHIP	1K	5%	1/10W
R752	1-216-843-11	METAL CHIP	68K	5%	1/10W
R753	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R754	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R755	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R756	1-216-841-11	METAL CHIP	47K	5%	1/10W
R757	1-216-835-11	METAL CHIP	15K	5%	1/10W
R758	1-216-835-11	METAL CHIP	15K	5%	1/10W
R760	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R761	1-216-844-11	METAL CHIP	82K	5%	1/10W
R763	1-216-818-11	METAL CHIP	560	5%	1/10W
R764	1-249-399-11	CARBON	33	5%	1/4W F
R765	1-249-399-11	CARBON	33	5%	1/4W F
R766	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R767	1-249-393-11	CARBON	10	5%	1/4W F
R768	1-249-389-11	CARBON	4.7	5%	1/4W F
R769	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R770	1-216-845-11	METAL CHIP	100K	5%	1/10W
R771	1-240-855-11	CARBON	6.2K	5%	1/4W F
R772	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R773	1-216-841-11	METAL CHIP	47K	5%	1/10W
R775	1-216-843-11	METAL CHIP	68K	5%	1/10W
R778	1-216-835-11	METAL CHIP	15K	5%	1/10W
R780	1-216-833-11	METAL CHIP	10K	5%	1/10W
R790	1-216-845-11	METAL CHIP	100K	5%	1/10W
R791	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
⚠R792	1-215-868-00	METAL OXIDE	680	5%	1W F
R793	1-249-404-00	CARBON	82	5%	1/4W F
⚠R794	1-215-868-00	METAL OXIDE	680	5%	1W F
R802	1-249-409-11	CARBON	220	5%	1/4W F
R803	1-249-389-11	CARBON	4.7	5%	1/4W F
R804	1-216-833-11	METAL CHIP	10K	5%	1/10W
R806	1-216-837-11	METAL CHIP	22K	5%	1/10W
R824	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R830	1-249-404-00	CARBON	82	5%	1/4W F
⚠R910	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
R3010	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3011	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3012	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3013	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3020	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3021	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3022	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3023	1-216-841-11	METAL CHIP	47K	5%	1/10W
		< RELAY >			
RY560	1-755-267-11	RELAY			
RY601	1-755-170-11	RELAY (12V)			
RY610	1-755-170-11	RELAY (12V)			
RY701	1-755-170-11	RELAY (12V)			
RY710	1-755-170-11	RELAY (12V)			
RY791	1-755-170-11	RELAY (12V)			
RY801	1-755-593-11	RELAY			

Ref. No.	Part No.	Description			Remark
		< TERMINAL BOARD >			
TB001	1-780-364-11	TERMINAL BOARD (SP) (8P) (SPEAKERS FRONT A,SURROUND)			
TM602	1-537-240-11	TERMINAL BOARD (CHECKER PIN) (4P) (SPEAKERS FRONT B)			
TM603	1-780-215-11	TERMINAL BOARD (SP) (4P) (SPEAKERS CENTER,SURROUND BACK)			
**********					
		POWER KEY BOARD			
		**********			
		< CONNECTOR >			
* CN102	1-691-408-11	CONNECTOR, BOARD TO BOARD 7P			
		< RESISTOR >			
R111	1-249-415-11	CARBON	680	5%	1/4W
R112	1-247-831-11	CARBON	1K	5%	1/4W
R113	1-249-419-11	CARBON	1.5K	5%	1/4W
		< ROTARY ENCODER >			
RV103	1-418-817-11	ENCODER, ROTARY (– TUNING +)			
RV104	1-418-817-11	ENCODER, ROTARY (– TONE +)			
		< SWITCH >			
S100	1-771-410-21	SWITCH, TACTILE (**I**/⏻)			
S113	1-771-410-21	SWITCH, TACTILE (TUNING MODE)			
S114	1-771-410-21	SWITCH, TACTILE (TONE MODE)			
S115	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			
**********					
		STANDBY BOARD			
		**********			
	1-533-217-41	HOLDER, FUSE			
		< CAPACITOR >			
C913	1-127-888-11	CERAMIC	0.1uF	10%	50V
C914	1-127-888-11	CERAMIC	0.1uF	10%	50V
C915	1-126-943-11	ELECT	2200uF	20%	25V
C916	1-126-942-61	ELECT	1000uF	20%	25V
C920	1-127-888-11	CERAMIC	0.1uF	10%	50V
C921	1-127-888-11	CERAMIC	0.1uF	10%	50V
C922	1-127-888-11	CERAMIC	0.1uF	10%	50V
C924	1-126-960-11	ELECT	1uF	20%	50V
C951	1-127-888-11	CERAMIC	0.1uF	10%	50V
C952	1-126-942-61	ELECT	1000uF	20%	25V
C954	1-128-547-11	ELECT	6800uF	20%	16V
		< CONNECTOR >			
* CNP802	1-564-509-11	PLUG, CONNECTOR 6P			
* CNP804	1-564-506-11	PLUG, CONNECTOR 3P			
* CNP805	1-564-506-11	PLUG, CONNECTOR 3P			
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
* CNP902	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			
* CNP903	1-564-508-11	PLUG, CONNECTOR 5P			

STANDBY **VIDEO**

Ref. No.	Part No.	Description				Remark
		< DIODE >				
D901	8-719-991-33	DIODE	1SS133T-77			
D910	8-719-043-76	DIODE	AK04V0			
D911	8-719-043-76	DIODE	AK04V0			
D912	8-719-043-76	DIODE	AK04V0			
D913	8-719-043-76	DIODE	AK04V0			
D914	8-719-991-33	DIODE	1SS133T-77			
D915	8-719-991-33	DIODE	1SS133T-77			
D920	6-500-522-11	DIODE	10EDB40-TA2B5			
D921	6-500-522-11	DIODE	10EDB40-TA2B5			
D922	6-500-522-11	DIODE	10EDB40-TA2B5			
D923	6-500-522-11	DIODE	10EDB40-TA2B5			
D924	8-719-043-76	DIODE	AK04V0			
		< GROUND TERMINAL >				
G901	1-537-738-21	TERMINAL, GROUND				
		< AC OUTLET >				
⚠J911	1-785-834-11	OUTLET, AC (1P) (AC OUTLET)				
		< TRANSISTOR >				
Q901	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q921	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q922	8-729-140-93	TRANSISTOR	2SB733-34			
Q923	8-729-119-79	TRANSISTOR	2SC2785-FEK			
		< RESISTOR >				
⚠R810	1-243-634-91	FUSIBLE	0.22	5%	1/2W	F
⚠R811	1-243-634-91	FUSIBLE	0.22	5%	1/2W	F
⚠R901	1-219-237-91	SOLID	3.3M	20%	1/2W	F
R902	1-247-871-11	CARBON	47K	5%	1/4W	
R903	1-249-421-11	CARBON	2.2K	5%	1/4W	
R904	1-249-381-11	CARBON	1	5%	1/4W	F
R920	1-249-421-11	CARBON	2.2K	5%	1/4W	
R921	1-247-871-11	CARBON	47K	5%	1/4W	
R922	1-247-863-11	CARBON	22K	5%	1/4W	
R923	1-249-429-11	CARBON	10K	5%	1/4W	
		< RELAY >				
⚠RY901	1-755-541-11	RELAY				
		< TRANSFORMER >				
⚠T903	1-437-312-11	TRANSFORMER, POWER (SUB)				

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VIDEO BOARD

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< CAPACITOR >

C206	1-126-964-11	ELECT	10uF	20%	50V
C207	1-126-964-11	ELECT	10uF	20%	50V
C208	1-126-964-11	ELECT	10uF	20%	50V
C209	1-126-964-11	ELECT	10uF	20%	50V
C210	1-126-947-11	ELECT	47uF	20%	35V
C213	1-126-947-11	ELECT	47uF	20%	35V
C214	1-127-888-11	CERAMIC	0.1uF	10%	50V
C215	1-127-888-11	CERAMIC	0.1uF	10%	50V
C220	1-126-947-11	ELECT	47uF	20%	35V
C221	1-126-947-11	ELECT	47uF	20%	35V
C223	1-135-799-11	CERAMIC	0.47uF		50V
C224	1-135-799-11	CERAMIC	0.47uF		50V
C230	1-128-809-11	CERAMIC	100PF	5%	50V
C231	1-127-888-11	CERAMIC	0.1uF	10%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V
C309	1-126-964-11	ELECT	10uF	20%	50V
C310	1-126-964-11	ELECT	10uF	20%	50V
C311	1-126-964-11	ELECT	10uF	20%	50V
C312	1-126-964-11	ELECT	10uF	20%	50V
C313	1-126-964-11	ELECT	10uF	20%	50V
C314	1-126-964-11	ELECT	10uF	20%	50V
C315	1-126-964-11	ELECT	10uF	20%	50V
C316	1-126-964-11	ELECT	10uF	20%	50V
C330	1-127-888-11	CERAMIC	0.1uF	10%	50V
C331	1-127-888-11	CERAMIC	0.1uF	10%	50V
C337	1-126-947-11	ELECT	47uF	20%	35V
C338	1-126-947-11	ELECT	47uF	20%	35V
C340	1-127-888-11	CERAMIC	0.1uF	10%	50V

< CONNECTOR >

CNP202	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P	
* CNP203	1-564-507-11	PLUG, CONNECTOR 4P	
CNS205	1-784-766-11	CONNECTOR, FFC 5P	

< DIODE >

D203	8-719-991-33	DIODE	1SS133T-77
D204	8-719-991-33	DIODE	1SS133T-77

< IC >

IC203	6-701-890-01	IC	NJM2595D
IC230	8-759-268-29	IC	SN74HC595ANS
IC304	6-707-363-01	IC	NJM2586AL
IC804	8-759-245-79	IC	TA79005S
IC807	8-759-231-53	IC	TA7805S

< JACK >

J200	1-794-978-11	JACK, PIN 3P (SAT VIDEO IN, DVD VIDEO IN,VIDEO 1 VIDEO OUT)
J201	1-815-043-11	JACK, PIN 2P (VIDEO 1 VIDEO IN, MONITOR VIDEO OUT)
J301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO SAT IN,DVD IN,VIDEO 1 IN)
J302	1-815-360-11	JACK, PIN 3P (COMPONENT VIDEO MONITOR OUT)

< RESISTOR >

R200	1-247-804-11	CARBON	75	5%	1/4W
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R219	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W
R230	1-247-807-31	CARBON	100	5%	1/4W
R231	1-247-807-31	CARBON	100	5%	1/4W
R232	1-247-807-31	CARBON	100	5%	1/4W
R233	1-247-807-31	CARBON	100	5%	1/4W
R234	1-247-807-31	CARBON	100	5%	1/4W

Ref. No.	Part No.	Description			Remark
R235	1-247-807-31	CARBON	100	5%	1/4W
R236	1-247-807-31	CARBON	100	5%	1/4W
R301	1-247-804-11	CARBON	75	5%	1/4W
R302	1-247-804-11	CARBON	75	5%	1/4W
R303	1-247-804-11	CARBON	75	5%	1/4W
R304	1-247-804-11	CARBON	75	5%	1/4W
R305	1-247-804-11	CARBON	75	5%	1/4W
R306	1-247-804-11	CARBON	75	5%	1/4W
R307	1-247-804-11	CARBON	75	5%	1/4W
R308	1-247-804-11	CARBON	75	5%	1/4W
R309	1-247-804-11	CARBON	75	5%	1/4W
R310	1-247-804-11	CARBON	75	5%	1/4W
R311	1-247-804-11	CARBON	75	5%	1/4W
R312	1-247-804-11	CARBON	75	5%	1/4W
**********					
		VIDEO 3 BOARD			
		**********			
		< CAPACITOR >			
C293	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C294	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C298	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C299	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
		< CONNECTOR >			
CN201	1-564-721-11	PIN, CONNECTOR (SMALL TYPE) 5P			
* CN202	1-690-880-31	LEAD (WITH CONNECTOR)			
		< JACK >			
J298	1-819-187-11	JACK, PIN 3P (VIDEO 3 IN/PORTABLE AV IN VIDEO,AUDIO)			
		< RESISTOR >			
R298	1-216-821-11	METAL CHIP	1K	5%	1/10W
R299	1-216-821-11	METAL CHIP	1K	5%	1/10W
**********					
	A-1222-793-A	XM BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-137-649-31	ELECT	220uF	20%	10V
C102	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C103	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C104	1-112-100-11	ELECT	10uF	20%	50V
C105	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C106	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C107	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C109	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C112	1-216-864-11	SHORT CHIP	0		
C113	1-126-964-11	ELECT	10uF	20%	50V
C114	1-216-864-11	SHORT CHIP	0		
C115	1-216-864-11	SHORT CHIP	0		
C116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C117	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
C118	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C119	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C120	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C121	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C122	1-112-100-11	ELECT	10uF	20%	50V
C123	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C124	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C125	1-112-100-11	ELECT	10uF	20%	50V
C126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C127	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C128	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C129	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C131	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C132	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C133	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C134	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C135	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C136	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C137	1-126-964-11	ELECT	10uF	20%	50V
C138	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C139	1-126-964-11	ELECT	10uF	20%	50V
C140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C142	1-126-964-11	ELECT	10uF	20%	50V
C143	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C144	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C145	1-126-933-11	ELECT	100uF	20%	16V
C153	1-126-933-11	ELECT	100uF	20%	16V
C157	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C159	1-137-649-31	ELECT	220uF	20%	10V
C161	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C163	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C164	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C165	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C166	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C167	1-216-864-11	SHORT CHIP	0		
C168	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN101	1-568-828-11	CONNECTOR, FFC 9P			
CN102	1-784-766-11	CONNECTOR, FFC 5P			
CNP103	1-779-978-11	PIN, CONNECTOR 3P			
		< DIODE >			
D101	6-500-462-01	DIODE NSAD500F-T1B			
D103	8-719-083-02	DIODE KDS160-RTK			
		< FERRITE BEAD >			
FB101	1-469-152-11	FERRITE, EMI (SMD) (2012)			
FB104	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC101	6-705-468-01	IC BA33BC0FP-E2			
IC102	6-709-251-01	IC F2602E-01-TR			
IC104	8-759-710-97	IC NJM4565M-D			
IC105	6-707-111-01	IC PCM1753DBQR			
IC106	6-707-802-01	IC BA00CC0WT(-V5)			

XM

Ref. No.	Part No.	Description			Remark
IC107	6-705-469-01	IC BA50BC0FP-E2			
		< CONNECTOR >			
J101	1-793-642-21	CONNECTOR (USB) (4P), SQUARE (XM)			
		< JUMPER RESISTOR >			
JR101	1-216-296-11	SHORT CHIP	0		
L101	1-216-295-11	SHORT CHIP	0		
L102	1-216-295-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q105	8-729-027-46	TRANSISTOR DTC114YKA-T146			
Q106	8-729-140-93	TRANSISTOR 2SB733-34			
		< RESISTOR >			
R101	1-216-845-11	METAL CHIP	100K	5%	1/10W
R102	1-216-845-11	METAL CHIP	100K	5%	1/10W
R103	1-216-833-11	METAL CHIP	10K	5%	1/10W
R104	1-216-833-11	METAL CHIP	10K	5%	1/10W
R107	1-216-809-11	METAL CHIP	100	5%	1/10W
R108	1-216-809-11	METAL CHIP	100	5%	1/10W
R109	1-216-841-11	METAL CHIP	47K	5%	1/10W
R110	1-216-809-11	METAL CHIP	100	5%	1/10W
R112	1-216-833-11	METAL CHIP	10K	5%	1/10W
R113	1-216-864-11	SHORT CHIP	0		
R115	1-216-833-11	METAL CHIP	10K	5%	1/10W
R116	1-216-833-11	METAL CHIP	10K	5%	1/10W
R117	1-216-809-11	METAL CHIP	100	5%	1/10W
R118	1-216-841-11	METAL CHIP	47K	5%	1/10W
R119	1-216-841-11	METAL CHIP	47K	5%	1/10W
R120	1-216-834-11	METAL CHIP	12K	5%	1/10W
R121	1-216-841-11	METAL CHIP	47K	5%	1/10W
R122	1-216-841-11	METAL CHIP	47K	5%	1/10W
R123	1-216-819-11	METAL CHIP	680	5%	1/10W
R124	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R125	1-216-813-11	METAL CHIP	220	5%	1/10W
R126	1-216-845-11	METAL CHIP	100K	5%	1/10W
R127	1-216-809-11	METAL CHIP	100	5%	1/10W
R128	1-216-845-11	METAL CHIP	100K	5%	1/10W
R129	1-216-809-11	METAL CHIP	100	5%	1/10W
R130	1-216-809-11	METAL CHIP	100	5%	1/10W
R131	1-216-809-11	METAL CHIP	100	5%	1/10W
R132	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R133	1-216-819-11	METAL CHIP	680	5%	1/10W
R134	1-216-809-11	METAL CHIP	100	5%	1/10W
R135	1-216-864-11	SHORT CHIP	0		
R137	1-216-834-11	METAL CHIP	12K	5%	1/10W
R138	1-216-821-11	METAL CHIP	1K	5%	1/10W
R143	1-216-809-11	METAL CHIP	100	5%	1/10W
R144	1-216-821-11	METAL CHIP	1K	5%	1/10W
R145	1-216-841-11	METAL CHIP	47K	5%	1/10W
R146	1-216-841-11	METAL CHIP	47K	5%	1/10W
R147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R152	1-216-809-11	METAL CHIP	100	5%	1/10W
R154	1-216-809-11	METAL CHIP	100	5%	1/10W
R156	1-216-811-11	METAL CHIP	150	5%	1/10W
R158	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R160	1-216-864-11	SHORT CHIP	0		
R162	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R163	1-218-344-11	METAL CHIP	7.5K	5%	1/10W
R170	1-216-864-11	SHORT CHIP	0		
R171	1-216-864-11	SHORT CHIP	0		
R172	1-216-864-11	SHORT CHIP	0		
R173	1-216-864-11	SHORT CHIP	0		
R174	1-216-819-11	METAL CHIP	680	5%	1/10W
R176	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< VIBRATOR >			
X101	1-760-841-11	VIBRATOR, CRYSTAL (45.158MHz)			
**********					
		MISCELLANEOUS			
		**********			
57	1-829-042-11	WIRE (FLAT TYPE) (27 CORE)			
101	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)			
102	1-828-957-11	WIRE (FLAT TYPE) (9 CORE)			
104	1-828-937-11	WIRE (FLAT TYPE) (5 CORE)			
105	1-828-936-11	WIRE (FLAT TYPE) (5 CORE)			
106	1-828-349-51	WIRE (FLAT TYPE) (17 CORE)			
⚠109	1-783-820-11	CORD, POWER			
⚠F901	1-533-454-12	FUSE, GLASS TUBE (DIA. 5) (6.3A/125V)			
⚠F902	1-533-453-12	FUSE, GLASS TUBE (DIA. 5) (5A/125V)			
⚠F4001	1-532-465-33	FUSE (3.15A/250V)			
⚠F4002	1-532-465-33	FUSE (3.15A/250V)			
Q503	6-702-390-01	TRANSISTOR MN2488-OPY-MK			
Q504	6-702-391-01	TRANSISTOR MP1620-OPY-MK			
Q533	6-702-390-01	TRANSISTOR MN2488-OPY-MK			
Q534	6-702-391-01	TRANSISTOR MP1620-OPY-MK			
Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK			
Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK			
Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK			
Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK			
Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK			
Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK			
Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK			
Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK			
⚠T901	1-439-583-11	TRANSFORMER, POWER (MAIN)			
TN1	1-693-728-11	TUNER (FM/AM) (ANTENNA)			
**********					
		ACCESSORIES			
		**********			
	1-480-100-11	STANDARD COMMANDER (RM-AAP016) (including BATTERY LID)			
	1-501-374-12	ANTENNA, LOOP (AM)			
	1-542-670-11	MEASUREMENT MIC (MONO) (ECM-AC2)			
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM)			
	2-898-639-11	MANUAL, INSTRUCTION (ENGLISH)			

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2007. 03	New